Exploratory Surveys for Inshore Tanner Crabs *(Chionoecetes bairdi)* in Rivers Inlet and Fitz Hugh Sound, British Columbia, January-March, 2004

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EXPLORATORY SURVEYS FOR INSHORE TANNER CRABS (*Chionoecetes bairdi*) IN RIVERS INLET AND FITZ HUGH SOUND, BRITISH COLUMBIA, JANUARY-MARCH, 2004

by

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ABSTRACT

Fong, K.H., Gillespie, G.E., Phillips, A.C., and Krause, G.G. 2004. Exploratory surveys for inshore Tanner crabs (*Chionoecetes bairdi*) in Rivers Inlet and Fitz Hugh Sound, British Columbia, January-March, 2004. Can. Data Rep. Fish. Aquat. Sci. 1153: 104 p.

Results of exploratory trap and trawl surveys carried out in 2004 to assess populations of inshore Tanner crabs (*Chionoecetes bairdi*) in Rivers Inlet and Fitz Hugh Sound, British Columbia (B.C.) are presented. These surveys were undertaken to gather information on distribution, abundance and biology of Tanner crabs in the Wuikinuxv Nation's traditional territory to assess potential for fishery development.

The Wuikinuxv Fisheries Program carried out a systematic trap survey of the Rivers Inlet system and portions of Fitz Hugh Sound from the F/V WESTERN BOUNTY from January 20 to February 20, 2004. This survey captured 385 Tanner crabs and released 385 tagged Tanner crabs.

Fisheries and Oceans Canada personnel completed a trawl and trap survey of the same areas from the CCGS R/V NEOCALIGUS between March 10-16, 2004. This survey captured 311 Tanner crabs and released 298 tagged Tanner crabs. Two Tanner crabs tagged during the Western Bounty survey were recovered by the Neocaligus.

RÉSUMÉ

Fong, K.H., Gillespie, G.E., Phillips, A.C., and Krause, G.G. 2004. Exploratory surveys for inshore Tanner crabs (*Chionoecetes bairdi*) in Rivers Inlet and Fitz Hugh Sound, British Columbia, January-March, 2004. Can. Data Rep. Fish. Aquat. Sci. 1153: 104 p.

Résultats des campagnes de pêche exploratoire au casier et au chalut effectuées en 2004 en vue de recenser les populations de crabe des neiges du Pacifique (*Chionoecetes bairdi*) dans les secteurs de Rivers Inlet et de Fitz Hugh Sound (Colombie-Britannique). Ces sondages visaient à recueillir des données sur la distribution, l'abondance et la biologie du crabe des neiges du Pacifique dans le territoire traditionnel de la nation Wuikinuxv, en vue d'étudier son potentiel de mise en valeur.

Entre le 20 janvier et le 20 février 2004, une campagne systématique de sondages exploratoires au casier a été effectuée à bord du WESTERN BOUNTY, dans le bassin de Rivers Inlet et dans certaines parties du secteur de Fitz Hugh. Au cours de cette opération, 385 crabes des neiges du Pacifique ont été capturés, dont la totalité a été étiquetée et remise à la mer.

Du 10 au 16 mars 2004, ces secteurs ont fait l'objet d'une campagne de pêche exploratoire aux casiers et aux chaluts à bord du navire de recherche de la Garde côtière NEOCALIGUS. Au cours de l'opération, 311 crabes des neiges du Pacifique ont été capturés, dont 298 ont été étiquetés et remis à la mer. Deux des crabes étiquetés sur le Western Bounty ont été recouvrés par le Neocaligus.

INTRODUCTION

Crab fisheries have long been important in British Columbia (B.C.), with aboriginal harvests pre-dating European contact and commercial harvests reported as early as 1885 (Butler 1984, 1986; Winther and Phillips 2002). The most important species harvested commercially, recreationally and by First Nations in B.C. is the Dungeness crab (*Cancer magister*). In 2002, Dungeness crabs ranked second among all Pacific Region wild shellfish fisheries in total landings (4,100 tonnes) and second in total wholesale value ($28 million Cdn) (MAFF 2002). Dungeness crabs represented 26.8% of the landed value ($106.8 million Cdn) of all B.C. shellfish species. Other crab species fished under the "R" licence are the red rock crab (*Cancer productus*), red king crab (*Paralithodes camtschatica*), and the golden king crab (*Lithodes aequispina*).

Tanner and snow crabs (*Chionoecetes* sp.) are important, commercially exploited species in Alaska, Japan and the Atlantic region of Canada. Prior to 1993, permits were issued by Fisheries and Oceans Canada (DFO) to fish inshore Tanner crabs (*Chionoecetes bairdi*) in British Columbia. In 1993, DFO suspended the issuance of permits for Tanner crabs through a moratorium on new shellfish licenses although landings of *C. bairdi* continued until 2000 (Krause *et. al.* 2001; Winther and Phillips 2002). A review of commercial sales slip data for B.C. revealed 65 landings of *C. bairdi* from 1988 to 2000 totaling 14.85 tonnes (Krause *et. al.* 2001). Tanner crabs were exclusively fished from the North Coast, Pacific Management Fishery Areas (PFMA) 1 to 6, usually in the red king crab fishery. Responses from a questionnaire to "R" license fishers shows incidental catches of Tanner crabs occurred in most areas of the coast.

Interest in developing a fishery for *C. bairdi* occurred when Tanner crabs were caught incidentally in other crab fisheries. In the early 1980's, DFO conducted several surveys for *C. bairdi* throughout the Central and North Coast of British Columbia and found no significant, commercially exploitable populations (Butler 1986; Krause *et. al.* 2001). More recently, interest in developing a fishery for *C. bairdi* has surfaced as local communities and First Nations explore new fishery resources to increase economic opportunities.

PHASED APPROACH TO FISHERIES DEVELOPMENT

Investigations for any new or developing invertebrate fishery in Canada follow a phased approach. The Pacific Scientific Advice Review Committee (PSARC) has endorsed a three-phased framework for provision of scientific advice for the management of new fisheries (Perry *et al.* 1999). This framework guides development of new fisheries using precautionary, risk averse principles based on sound scientific research and advice. The three phases are:

Phase 0. Information review: A collection and review of all existing literature and data on the biology, fisheries and fisheries management is undertaken for the target species, related species and other species. Critical information gaps are identified and recommendations of appropriate methods for addressing those information gaps are provided.

Phase 1. Investigations for new information: Based on the recommendations of the Phase 0 literature review, a framework for gathering data and research to address the information gaps is identified. These investigations or studies can include, but are not limited to, experimental fisheries, fishery independent surveys, biological sampling programs, and laboratory analysis. These studies often determine the distribution or abundance, life history, biological characteristics and impacts on habitat or other species.

Phase 2. Fishing for information: The resource is harvested under experimental management regimes to ascertain the productivity of the stock in question; determine whether the species or stock can sustain a commercially viable fishery; and test the effectiveness of fishing methods. Ongoing monitoring and biological information collection is an integral part of this phase in the development of the fishery and would likely remain an ongoing requirement of any future commercial fishery.

The Phase 0 information review for *C. bairdi* was completed by Krause *et al.* (2001). The paper recommended fishery development based on local reproductive biology; use of standardized gear for obtaining information on distribution, biological characteristics, stock structure and life history strategy; tagging studies to investigate population size, stock structure and season migrations; and a biological sampling program.

As part of this phased approach, Fisheries and Oceans Canada (DFO) and the Wuikinuxv Nation have undertaken a cooperative Phase 1 assessment of *C. bairdi* in the traditional territory of the Wuikinuxv Nation, located in the Central Coast region of B.C. Objectives of the Phase 1 assessment are: to assess inshore Tanner crab distribution and abundance; gather morphometric information to determine size at maturity; gather habitat preference information; and determine species interactions in the Rivers Inlet system and Fitz Hugh Sound. This paper presents information that will be used in a Phase 1 document for *C. bairdi*.

The Wuikinuxv Nation Fisheries Program (WNFP) completed a systematic trap survey of the Rivers Inlet system and portions of Fitz Hugh Sound from the F/V WESTERN BOUNTY from January 20-February 20, 2004. DFO Stock Assessment personnel completed a trawl and trap survey of the same area from the CCGS NEOCALIGUS between March 10-16, 2004.

The results of exploratory trap and trawl surveys carried out in 2004 in Rivers Inlet, B.C. are presented. These surveys were undertaken to gather information on distribution, abundance and biology of Tanner crabs. A mark-recapture program was a component of the exploratory trap survey for assessing dispersal, seasonal or sexual migration and abundance. Preliminary results of the tagging program are also presented.

TANNER CRAB BIOLOGY

Inshore Tanner crabs are included in the family Majidae. Majid or spider crabs are true crabs, having four sets of walking legs and two claws; unlike Lithodid crabs (Family Lithodidae), which have 3 sets of walking legs and two claws. Four species of *Chionoecetes*

crabs are found in the eastern Pacific Ocean: *C. bairdi* or inshore Tanner crab; *C. opilio*, or snow crab; *C. tanneri*, or grooved Tanner crab; and *C. angulatus*, or angle Tanner crab (Jadamec *et al.* 1999). Three of these species (*C. bairdi*, *C. tanneri*, and *C. angulatus*) are found in B.C. waters (Hart 1982).

Inshore Tanner crabs are distributed in the North Pacific Ocean from Oregon to the Bering Sea. In British Columbia, *C. bairdi* are found throughout coastal inlets and fjords at depths of 10-475 m although some have been recorded in offshore areas of the coast. The grooved Tanner crab (*C. tanneri*) and angle Tanner crab (*C. angulatus)* are distributed in the North Pacific Ocean along the continental slope from Mexico to the Gulf of Alaska at depths of 400-1,944 m and 900-3,000 m, respectively (Hart 1982).

C. bairdi is distinguished by its orange-brown colour dorsally, pink-cream colour ventrally and relatively flat branchial lobes (Figure 1). The deepwater species (*C. tanneri* and *C. angulatus*) are red or orange in color and have enlarged branchial lobes (Hart 1982; Jadamec *et al.* 1999).

Crabs grow incrementally by moulting or shedding the old shell and expanding into a soft new shell, which then hardens. The stages of growth between moults are referred to as instars. Female Tanner crabs pass through 12 instars and terminally moult to maturity in the 13th instar at approximately 5 years of age (Jadamec *et al.* 1999). Males mature in approximately 6 years after as many as 18 moults; whether males undergo a terminal moult is still unknown. Shell hardness is a subjective categorical scale used to estimate the amount of time since the last moult. A gestalt of information, including resistance to pressure; wear or abrasion of carapace spines, dactyl tips and claws; color; presence and size of epibiont fauna; and relative morbidity are used to assign crabs to shell hardness categories (Appendix Table 1).

The sexes are distinguished by a broadened abdomen in females (to carry eggs after extrusion) and enlarged chelae in mature males. Measurements of the fifth abdominal somite and the claws are used to determine morphological maturity of female and male crabs, respectively. Grasping behaviour during mating, in which males grasp and hold females by their walking legs, leave distinctive mating marks on the female. Color is used to estimate the stage of development of eggs; newly extruded eggs are orange and gradually darken to brown as prezoeae develop and eyespots appear. Adult male *C. bairdi* are about 90-140 mm in carapace width (CW) and adult females are about 65-110 mm in carapace width.

METHODS

Our aim for trap set locations include the tag and release of Tanner crabs, gathering morphometric data, capturing bycatch information and estimating trap efficiency.

Reviews of shrimp trawl and prawn fishery logbooks showed that limited commercial effort in both fisheries occur in the Rivers Inlet area. A larger commercial shrimp trawl fishery takes place in Fitz Hugh Sound. A review of the commercial Dungeness logbooks revealed minimal commercial effort and none since 2002. None of these fisheries were notified directly of the

tagging program. A review of the Option B groundfish trawl observer data (1996-2003) showed no records of Tanner crab by-catch, although observer coverage was minimal.

STUDY AREA

The study area includes Rivers Inlet (center approximately 51°38, 127°32) and Fitz Hugh Sound (center approximately 51°42, 127°57), located in the Central Coast region of B.C. The study area includes all of PFMA 9 and portions of PFMA 8, primarily subareas 8-16 and 8-3 (Figure 2). The study area is approximately 642 km^2 and maximum depth is 385 m. This area was chosen at the request of the proponents.

We divided the study area into the following subareas: Moses Inlet (Figure 3 and Figure 4), Hardy Inlet (Figure 5), Upper Rivers Inlet (Figure 6), Middle Rivers Inlet (Figure 7), Lower Rivers Inlet (Figure 8), Draney Inlet (Figure 9), Darby Channel (Figure 10) and Fitz Hugh Sound (Figure 11 and Figure 12).

TRAP SURVEY

Vessel and Gear Configuration

The WNFP trap survey was conducted from the F/V Western Bounty, a 16.7 m trawler/longliner, between January 20 and February 20, 2004. The survey utilized both Tanner traps and Dungeness traps. Tanner traps were nesting 1.35 m square pyramidal top-loading traps with 7.0 cm mesh. Dungeness traps were circular stainless steel traps with single wire 6.0-8.0 cm stainless steel mesh and two triggered tunnels. Tanner traps were baited with 1.0 kg of herring in 1.0 L perforated bait jars and Dungeness traps were baited with 0.5 kg of herring in 0.5 L perforated bait jars. Escape ports were closed on both trap types. Baits were used only once and soak times were approximately 24 hours.

Tanner traps were deployed either on individual buoylines (single sets) or on groundlines buoyed at both ends. Five Tanner traps were deployed singly across estuaries or in narrow channels at depths of approximately 50 m and 100 m with 50-300 m spacing depending on the available area. Groundlines were deployed at specified depths throughout the study area with five Tanner crab traps attached at 80 m spacing along the groundline.

Dungeness traps were individually deployed across estuaries at depths of 15-25 m and with approximately 100 m spacing, although this varied depending on the available area. Vessel size prevented deployment of traps in waters shallower than 15 meters.

DFO trap survey was conducted from the CCGS Neocaligus, a 25 m trawl/trap research vessel. The trap survey utilized five trap types: Tanner trap, Dungeness trap, prawn trap, shrimp trap and snow crab trap). Tanner traps were 1.22 m base, square pyramidal metal frame nesting traps with 7.0 cm nylon mesh. Dungeness traps were circular stainless steel traps with single wire 6.0-8.0 cm stainless steel mesh and two triggered tunnels. Prawn traps were stainless steel

circular, stackable traps with 1.9-2.9 cm nylon web. Shrimp traps were steel circular, stackable traps with 1.6-1.9 cm knotless nylon mesh. Snow crab traps (modified East Coast design) were top-loading stainless steel, conical nesting traps with 7.5-8.0 stainless steel mesh and a bottom diameter of 1.22 m. Dungeness traps were baited with 0.5 kg of herring in 0.5 L perforated bait jars while Tanner traps and snow crab traps were loaded with two 0.5 L perforated bait jars each containing 0.5 kg of herring. Prawn traps and shrimp traps were baited with one can of cat food grade tuna. Escape ports were closed on all traps, except prawn and shrimp traps which were not equipped with escape ports. Baits were used only once and soak times were approximately 24 hours.

Tanner traps were deployed on groundlines buoyed at both ends. Two sets (N 4 and N 5) (Table 3) were buoyed only at one end and only 4 traps were attached. Trap types varied on each groundline and the number of traps ranged from eight to 13. However, three Tanner crab traps were deployed on each groundline, one at each end and one in the middle. Spacing between traps was approximately 40 m.

Survey Design

Systematic designs were used for the WNFP and DFO surveys. Random sites or locations were not chosen due to the limited knowledge of Tanner crab distribution in the study area. Sampling locations were based on habitat type, depth, vessel capability and anecdotal information supplied by local fishers.

Additional considerations for Neocaligus set locations included sampling for juveniles, and for recapture of previously tagged crabs. Depths shallower than 50 m were not sampled by the Neocaligus due to vessel size and absence of local knowledge.

TRAWL SURVEY

Vessel and Gear Configuration

Trawling was conducted only from the CCGS Neocaligus. The Neocaligus was fitted with a 13.4 m flat trawl shrimp net (Figure 13) and fished with 1.7 m^2 Thyboron trawl doors. The net was rigged with 20.3 cm bobbins in the bosom, the head rope was 12.5 m and the foot rope was 13.1 m. The wings and body of the net were constructed of 5.0 cm polypropylene web. The codend was built of 5.0 cm web and was equipped with a 1.3 mm mesh codend liner for all sets. Sweeps and bridles were 27.4 m in length. The vertical opening of the net was approximately 3.1 m. Set locations were determined using a Furuno GPS and trawl tracks were plotted using NOBELTEC software.

Survey Design

As with the trap survey, a systematic design was chosen. Trawl locations were predetermined; considerations for location included sampling for juveniles and inventory of benthic communities. Consideration was also given to sea floor type to avoid logs and net damage. The actual tow direction and track for each set location was determined by the captain. If a set location was determined unfishable by the captain, an adjacent location of similar depth was selected.

SAMPLING METHODS

Catch and Effort Information

Data collected on fishing location, depth, dates, soak hours for traps and duration for trawling were recorded on standard DFO crab bridgelog forms and entered into a MS Access field database. Trawl catches were sorted to species level and weighed as an aggregate for the tow to the nearest 0.01 kg. A motion-compensated electronic scale (Marel® series 1100) was used for determining weights on the Neocaligus. For trapping, species were sorted to the lowest taxonomic level and aggregate counts and weights were recorded. Aggregate species weights estimated less than 0.01 kg were recorded as traces. Species weights recorded onboard the F/V Western Bounty were measured using a hand-held spring scale, and are considered estimates only.

Biological Information

Biological sampling methods are described in Workman *et al.* (2000, 2001) and Jadamec *et al.* (1999). We also followed methods of DFO Stock Assessment Division at the Pacific Biological Station for sampling Dungeness crabs. Description of biological characteristics and field codes are in Appendix Table 1.

All crabs caught were sampled for biological information. Biological and morphometric characteristics recorded for all crabs included: species, sex, shell condition, injuries, missing limbs, carapace width (CW) inside of the spines, claw height and claw length only for the right claw of male Tanner crabs, abdominal width for female Tanner crabs, presence of ovigerous females, egg colour for egg-bearing females and individual weights for Tanner crabs sampled on the Neocaligus. Right claw measurements are only recorded for male *Chionoecetes* spp also, if the right claw was missing the left claw was not measured. Abdominal measurements are only recorded for female *Chionoecetes* spp.

Disease

Biological field technicians were trained to recognize and record prevalence of bitter crab disease (BCD). BCD is caused by the infection of crab hosts by the parasitic dinoflagellate

Hematodinium sp. (Love *et al.* 1993, 1996). The parasite causes a fatal wasting disease, and affects the taste of infected crabs. Observation of symptoms of bitter crab disease includes pink joints, cloudy hemolymph in joints or chalky or opaque carapace (Love *et al.* 1996; Jadamec *et al.* 1999).

During the Neocaligus survey, DFO biologists were supplied with a BCD kit containing 95% ethanol and Davidson's solution provided by the Shellfish Disease Program at the Pacific Biological Station. Crabs suspected of BCD infection were to be sampled for hemolymph, hepatopancreas and heart.

TAGGING AND RECOVERY

Research Surveys

Live, uninjured Tanner crabs captured during trap sampling were tagged using individually numbered, highly visible (blue) 1.6 cm Floy® T-bar tags (Model FD-94, Floy Tag & Mfg., Inc.). Dead, injured or moribund crabs were not tagged. Methods for tagging Tanner crab during this survey follow those described in McBride (1982) and Taylor (1982). T-bar tags were inserted in the right posterior suture line under the posterior margin of the carapace. The needle of the tagging gun (Model Mark III Regular Pistol Grip, Floy Tag & Mfg., Inc.) was inserted at an upward angle just above the 4th walking segment and just below the carapace through the suture line. Crabs were tagged and released following biological sampling. Tagged crabs recovered in surveys were sampled for biological information, the tag numbered recorded, and released.

Other Fisheries

A reward program was implemented to encourage fishers to return specific geographic information and fishing method from tagged crabs captured during fishing. The program targets local First Nations and recreational fishers. Reward posters (Figure 14) were placed at the Post Office at Dawson's Landing, at the Wuikinuxv band office, at DFO Fisheries Offices in Port Hardy and Bella Coola, and distributed to all the recreational fishing lodges throughout the Rivers Inlet area.

RESULTS

TRAP SURVEY

Overview

The WNFP deployed 417 Tanner traps on 84 groundline sets, 5 sets of Dungeness traps totaling 47 traps and 22 sets of single Tanner traps totaling 104 traps (Table 1). Groundline set number W 61 was not recovered. Three Dungeness traps were lost from set number W 501. Six groundline sets (W 79-85) were soaked for an extended period of time due to unforeseen

circumstances. Groundlines were re-set (W 16, W 19, W 27-29 and W 31) on six locations and hauled after a 24 hours. Set W 9 was initially lost but was found after grappling.

Thirty-nine of the 84 groundline sets captured Tanner crabs while 9 of 22 single Tanner trap sets captured Tanner crabs. None of the Dungeness trap sets captured Tanner crabs. Depths sampled ranged from 7-370 m. Tanner crabs were captured in depths from 36-340 m (Table 1).

Three hundred and eighty-five Tanner crabs were tagged and released during the WNFP survey. Summaries of biological data for released Tanner crabs are arranged by tag number in ascending order (Table 10). Two crabs (crab # 43009 and # 43013) received two tags each due to a malfunction of the tagging gun.

The Neocaligus survey deployed 232 traps on 22 groundlines. Eighteen of the 22 groundline sets captured Tanner crabs. Depths sampled ranged from 55-330 m. Tanner crabs were captured in depths ranging from 65-320 m (Table 2).

Two hundred and ninety-eight Tanner crabs were tagged from the Neocaligus. Summaries of biological data for Tanner crabs are arranged by tag number in ascending order (Table 11). Eleven Tanner crabs were not tagged because they were dead or appeared moribund. Two tags (# 43411 and # 43413) were defective and not used.

Tanner Crab Catch Rates

Analyses of data on catch rates by trap type, depth and geographic location will be presented in a future report. Preliminary analyses of trap data from the Western Bounty and Neocaligus indicates the greatest abundance of Tanner crabs were found in Darby Channel, Draney Inlet, Moses Inlet and Upper Rivers Inlet (Table 7 and Table 8) at depths ranging 90-150 m. Abundance was sporadic in Hardy Inlet and Middle Rivers Inlet while there were no Tanner crabs captured in Fitz Hugh Sound and Lower Rivers Inlet (Table 7 and Table 8).

Other Species

Dungeness crab was the most numerous species captured (n=831) during the Western Bounty trap survey, although most were found in the shallows and around estuaries. Next most abundant were Tanner crabs (n=384) and spot prawns (*Pandalus platyceros*, n=311) (Table 4). Other species of crabs captured during this survey include squat lobster (*Munida quadrispina*), brown box crab (*Lopholithodes foraminatus*), decorator crab (*Oregonia gracilis*), graceful crab (*Cancer gracilis*) and hermit crabs (*Paguridae*). The most numerous fish species captured were darkfin sculpins (*Malacocottus zonurus*) and quillback rockfish (*Sebastes maliger*) (Table 4).

The most numerous species caught during the Neocaligus trap survey were Dungeness crabs (n=462), which were found primarily around estuaries and in the shallows (Table 5). Next most abundant species were Tanner crabs (n=311) and spot prawns (count not available, weight was 30.33 kg). Other species of crabs captured were squat lobster, brown box crabs, and redclaw

crab (*Chorilia longipes*). Diversity of fish captured was low, including quillback rockfish, great sculpin (*Myoxocephalus polyacanthocephalus*), darkblotched rockfish (*Sebastes crameri*), darkfin sculpin and walleye pollock (*Theragra chalcogramma*) (Table 5).

TRAWL SURVEY

Overview

A total of thirty-one tows were made from the Neocaligus; 30 were successfully completed. Tow location N 5 was repeated (as N 6) due to the net hanging up on the bottom.

Tanner crabs were captured in thirteen of 31 tows. Depths sampled ranged from 77-337 m. Tanner crabs were caught in depths from 79-328 m (Table 3).

Fourteen Tanner crabs were tagged and released during the Neocaligus Tanner crab trawl survey. Summaries of biological data for Tanner crabs are arranged by tag number in ascending order (Table 10). Twenty-six Tanner crabs were not tagged. Tanner crabs approximately 72 mm CW or less were not tagged, nor were dead or moribund crabs (Table 10).

Tanner Crab Catch Rates

Tanner crab density estimates from trawling will be presented in a future report. Although we were able to capture adult and juvenile Tanner crabs by trawling, preliminary analysis of trawl data indicates that trawling may not be useful for estimating Tanner crab densities. Forty Tanner crabs were captured during trawling (Table 6).

Other Species

Spotted ratfish (*Hydrolagus colliei*) was the species most commonly captured during the Neocaligus trawl survey. Ratfish accounted for 29% of the total catch weight, followed by Pacific hake (*Merluccius productus*) at 20% and walleye pollock at 14% (Table 6). Tanner crab accounted for 0.43% of the total catch weight. Other crab species captured during trawling included squat lobsters (0.69%), Dungeness crabs (0.26%), brown box crabs (0.12%), red claw crabs (0.01%) and hermit crabs (0.01%).

TAG RECOVERY

Two tagged Tanner crabs were recovered during the Neocaligus surveys. Both recovered crabs were tagged during the Western Bounty survey. Tag numbers 43065 and 43378, from sets W 3 and W 73 respectively, were recovered and released from the Neocaligus during set N 18 and set N 7 respectively. No tagged Tanner crabs were captured by trawling. Biological data for

the two tagged Tanner crabs were taken at the time of release (Table 11) and recapture (Table 12).

During the Neocaligus survey two trap sets (N 1 and N 3) were repeated (N 22 and N21) with the objective of recovering tagged Tanner crabs. Twenty-one Tanner crabs were tagged from set N 1 and 17 Tanner crabs were tagged from set N 3 (Table 10). Approximately 6 days had elapsed but no tagged Tanner crabs were recovered. No Tanner crabs were captured from N 22 and N 21 captured 49 Tanner crabs, none of which had been previously tagged.

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Table 1. Set locations, dates, soak time, depths and presence of *C. bairdi*, Tanner crab trap survey, F/V Western Bounty, January 20 - February 20, 2004.

Set	Fishing	Traps	Set		Haul		Soak	Depth		Start Position		Finish Position		*C. bairdi*
No.	Method	Sampled	Date	Time	Date	Time	Time	Min	Max	Lat.	Long.	Lat.	Long.	
W 1	G	5	1/22	10:30	1/23	08.20	22	102	132	51 41.09	127 17.05	51 41.15	127 17.93	Present
W 2	G	5	1/21	17:20	1/22	18:07	25	153	168	51 40.68	127 17.48	51 40.63	127 18.34	Present
W 3	G	5	1/22	11:05	1/23	10:00	23	120	144	51 40.17	127 17.20	51 40.20	127 18.20	Present
W 4	G	5	1/22	12:18	1/23	12:25	24	110	162	51 41.38	127 19.83	51 41.62	127 20.69	Present
W 5	G	5	1/21	17:55	1/22	16:40	23	196	205	51 40.65	127 19.71	51 40.70	127 20.66	Absent
W 6	G	6	1/23	11:10	1/24	08:55	22	68	98	51 39.29	127 20.92	51 39.24	127 21.20	Present
W 7	G	5	1/22	17:32	1/24	11:00	41	228	240	51 39.97	127 22.36	51 39.94	127 22.76	Present
W 8	G	5	1/22	18:58	1/23	10:20	15	145	220	51 40.81	127 23.05	51 40.86	127 23.35	Absent
W 9	G	5	1/23	11:45	2/6	18:30	343	140	220	51 40.13	127 25.22	51 40.32	127 25.06	Present
W 10	G	5	1/23	15:42	1/24	12:15	21	280	280	51 39.02	127 25.10	51 39.00	127 25.33	Present
W 11	G	5	2/6	17:40	2/7	17:20	24	300	304	51 38.85	127 26.73	51 38.78	127 27.05	Absent
W 12	G	5	2/7	16:20	2/8	13:40	21	200	260	51 37.63	127 28.66	51 37.76	127 28.47	Absent
W 13	G	5	2/7	16:30	2/8	12:12	20	300	305	51 37.73	127 28.87	51 37.81	127 28.65	Present
W 14	G	5	2/7	09:00	2/8	14:00	29	305	310	51 38.29	127 28.11	51 38.18	127 28.40	Absent
W 15	G	5	2/7	17:00	2/8			310	310	51 38.49	127 29.33	51 38.51	127 29.08	Absent
W 16	G	4	2/6	14:45	2/7	14:40	24	240	240	51 40.98	127 27.27	51 40.79	127 27.38	Present
W 17	G	5	1/26	16:30	1/27	09:55	17	235	240	51 42.15	127 26.91	51 42.25	127 26.89	Present
W 18	G	5	1/24	13:40	1/25	13:00	23	205	208	51 43.69	127 27.23	51 43.92	127 27.27	Present
W 19	G	5	1/24	13:55	1/25	13:45	24	165	180	51 45.92	127 26.80	51 46.11	127 26.84	Present
W 20	G	6	1/24	14:30	1/25	16:00	26	122	145	51 46.05	127 25.29	51 46.08	127 25.02	Absent
W 21	G	5	1/24	14:15	1/25	15:30	25	95	105	51 46.16	127 25.21	51 46.19	127 24.93	Present
W 22	G	5	1/25	14:35	1/26	13:35	23	240	240	51 46.64	127 23.65	51 46.86	127 23.48	Present
W 23	G	5	1/25	14:55	1/26	12:50	22	195	200	51 48.01	127 23.44	51 48.20	127 23.36	Present
W 24	G	5	1/25	16:55	1/26	11:07	18	125	180	51 49.55	127 22.56	51 49.81	127 22.29	Present
W 25	G	5	1/25	17:15	1/26	11:50	19	148	165	51 49.64	127 21.82	51 49.77	127 21.58	Present
W 26	G	6	1/25	11:10	1/26	10:30	23	141	148	51 50.39	127 21.75	51 50.60	127 21.72	Present
W 27	G	5	2/6	11:30	2/7	11:25	24	215	222	51 42.30	127 37.75	51 42.28	127 37.47	Absent
W 28	G	5	2/6	12:25	2/7	12:20	24	310	325	51 41.75	127 33.22	51 41.77	127 33.60	Absent
W 29	G	5	2/6	13:10	2/7	13:10	24	60	110	51 41.45	127 33.60	51 41.31	127 33.36	Absent
W 30	G	5	1/26	15:45	1/28	12:20	45	275	278	51 41.84	127 31.31	51 41.86	127.31.60	Present
W 31	G	5	2/6	14:00	2/7	13:55	24	40	65	51 41.74	127 28.51	51 41.75	127 28.74	Absent
W 32	G	5	1/26	15:25	1/28	13:20	46	237	238	51 41.54	127 29.06	51 41.50	127 28.79	Present
W 33	G	5	1/26	16:10	1/28			135	165	51 41.34	127 29.32	51 41.29	127 29.05	Present
W 34	G	5	2/8	13:00	2/9	09:45	21	120	190	51 38.37	127 32.59	51 38.54	127 32.47	Present
W 35	G	5	2/8	09:30	2/9	10:30	25	310	315	51 37.94	127 32.50	51 38.08	127 32.39	Present

Table 1. (Cont'd)

Set	Fishing	Traps	Set		Haul		Soak	Depth		Start Position		Finish Position		*C. bairdi*
No.	Method	Sampled	Date	Time	Date	Time	Time	Min	Max	Lat.	Long.	Lat.	Long.	
W 36	G	5	2/7	18:30	2/8	15:45	21	320	325	51 37.27	127 31.32	51 37.11	127 31.49	Present
W 37	G	5	2/8	16:40	2/9	16:15	24	340	342	51 34.67	127 32.57	51 34.47	127 32.60	Absent
W 38	G	5	2/8	16:50	2/9	15:00	22	160	180	51 34.13	127 31.83	51 34.31	127 31.79	Absent
W 39	G	5	2/8	17:00	2/9	14:35	22	85	95	51 34.26	127 31.70	51 34.10	127 31.72	Absent
W 40	G	5	2/9	15:45	2/10	14:10	22	85	90	51 32.90	127 32.12	51 33.05	127 32.07	Absent
W 41	G	5	2/9	16:00	2/10	14:30	22	145	150	51 32.92	127 32.20	51 33.10	127 32.17	Present
W 42	G	5	2/9	08:00	2/10	15:00	31	335	340	51 33.03	127 32.93	51 32.82	127 32.98	Present
W 43	G	5	2/10	13:35	2/11	11:00	21	340	350	51 31.21	127 33.54	51 31.00	127 33.70	Absent
W 44	G	5	2/9	13:55	2/10	12:00	22	200	215	51 31.00	127 32.14	51 31.09	127 32.11	Present
W 45	G	5	2/9	14:00	2/10	12:55	23	125	152	51 31.02	127 31.59	51 31.19	127 31.48	Present
W 46	G	5	2/10	11:10	2/11	12:20	25	100	115	51 30.74	127 35.17	51 30.87	127 34.96	Absent
W 47	G	5	2/10	11:30	2/11	11:40	24	315	320	51 30.65	127 34.89	51 30.80	127 34.67	Present
W 48	G	5	2/10	16:10	2/11	16:30	24	320	330	51 28.80	127 35.26	51 28.62	127 35.44	Absent
W 49	G	5	2/10	16:20	2/11	15:15	23	305	310	51 28.15	127 35.67	51 28.24	127 35.51	Absent
W 50	G	5	2/10	16:30	2/11	15:55	23	200	215	51 28.20	127 35.08	51 28.28	127 34.87	Absent
W 51	G	5	2/11	13:30	2/12	12:20	23	360	370	51 26.00	127 40.91	51 26.03	127 41.22	Absent
W 52	G	5	2/11	13:50	2/12	11:30	22	290	325	51 26.09	127 41.69	51 26.00	127 41.96	Absent
W 53	G	5	2/15	13:10	2/15	13:45	73	165	170	51 28.43	127 46.89	51 28.59	127 46.99	Absent
W 54	G	5	2/15	12:45	2/18	08:50	68	168	170	51 30.45	127 51.57	51 30.24	127 51.55	Absent
W 55	G	5	2/15	08:30	2/18	09:25	73	130	135	51 30.55	127 53.53	51 30.37	127 53.39	Absent
W 56	G	5	2/14	12:20	2/18	10:40	94	124	125	51 32.29	127 53.33	51 32.09	127 53.34	Absent
W 57	G	5	2/14	13:00	2/15	11:15	22	220	240	51 34.67	127 53.68	51 34.87	127 53.77	Absent
W 58	G	5	2/14	18:40	2/15	11:45	17	250	260	51 34.58	127 52.73	51 34.41	127 52.65	Absent
W 59	G	5	2/14	12:10	2/15	09:20	21	195	205	51 34.82	127 50.85	51 34.73	127 50.62	Absent
W 60	G	5	2/14	11:50	2/15	09:55	22	130	170	51 35.79	127 51.66	51 35.92	127 51.86	Absent
W 61	G	0	2/14	18:25				300	320	51 36.25	127 53.31	51 36.07	127 54.23	Absent
W 62	G	5	2/14	12:30	2/15	10:40	22	270	290	51 36.13	127 54.32	51 36.32	127 54.38	Absent
W 63	G	5	2/13	10:00	2/14	09:15	23	320	330	51 38.38	127 56.57	51 38.52	127 56.74	Absent
W 64	G	5	2/13	09:35	2/14	10:05	24	330	330	51 38.30	127 54.31	51 38.49	127 54.44	Absent
W 65	G	5	2/13	09:10	2/14	10:50	26	135	145	51 38.79	127 52.10	51 38.60	127 51.99	Absent
W 66	G	5	2/13	11:30	2/14	16:00	28	315	330	51 42.82	127 54.25	51 42.57	127 54.20	Absent
W 67	G	5	2/13	11:00	2/14	15:05	28	340	340	51 43.01	127 57.08	51 42.83	127 56.97	Absent
W 68	G	5	2/13	10:40	2/14	14:10	28	305	315	51 42.17	127 58.66	51 42.37	127 58.73	Absent
W 69	G	5	2/18	20:15	2/19	12:40	16	120	125	51 26.36	127 27.40	51 26.16	127 27.38	Present
W 70	G	5	2/18	20:35	2/19	12:00	15	120	125	51 24.81	127 28.46	51 24.65	127 28.63	Present
W 71	G	5	2/18	21:45	2/19	14:10	16	130	140	51 26.44	127 25.79	51 26.42	127 25.46	Present

Table 1. (Cont'd)

Set	Fishing	Traps	Set		Haul		Soak	Depth		Start Position		Finish Position		*C. bairdi*
No.	Method	Sampled	Date	Time	Date	Time	Time	Min	Max	Lat.	Long.	Lat.	Long.	
W 72	G	5	2/18	22:05	2/19	14:55	17	150	155	51 26.19	127 22.11	51 26.18	127 21.78	Present
W 73	G	5	2/18	22:25	2/19	15:35	17	125	130	51 26.07	127 19.55	51 26.04	127 19.25	Present
W 74	G	5	2/11	19:05	2/12	16:25	21	140	155	51 31.09	127 40.87	51 30.95	127 41.15	Absent
W 75	G	5	2/11	19:00	2/12	15:50	21	65	76	51 31.95	127 42.05	51 31.82	127 41.80	Absent
W 76	G	5	2/11	18:10	2/12	14:10	20	210	230	51 30.90	127 43.57	51 30.92	127 43.88	Absent
W 77	G	5	2/11	18:25	2/12	14:55	20	195	235	51 30.69	127 45.03	51 30.73	127 45.35	Absent
W 78	G	5	2/13	13:00	2/14	08:15	19	170	178	51 39.22	128 02.16	51 39.23	128 02.43	Absent
W 79	G	5	1/28	09:40	2/6	14:25	221	240	245	51 40.83	127 27.20	51 40.95	127 27.14	Present
W 80	G	5	1/28	16:15	2/6	15:40	215	165	180	51 45.93	127 26.92	51 46.13	127 26.92	Present
W 81	G	5	1/28	11:15	2/6	10:55	216	200	225	51 42.31	127 37.61	51 42.30	127 37.83	Present
W 82	G	5	1/28	15:15	2/6	12:00	213	310	320	51 41.80	127 33.57	51 41.78	127 33.37	Absent
W 83	G	5	1/28	15:00	2/6	12:50	214	108	190	51 41.39	127 33.40	51 41.58	127 33.66	Present
W 84	G	5	1/28	13:07	2/6	13:40	217	87	100	51 41.75	127 28.74	51 41.74	127 28.51	Absent
W 501	S	7	1/21	15:55	1/22	12:55	21	12	30	51 40.30	127 16.01	51 40.83	127 16.00	Absent
W 502	S	10	1/22	15:30	1/23	13:00	22	7	33	51 41.77	127 20.45	51 41.50	127 21.43	Absent
W 503	S	10	1/23	17:10	1/24	16:00	23	7	18	51 46.74	127 27.00	51 46.84	127 26.45	Absent
W 504	S	10	1/25	11:25	1/26	09:30	22	7	20	51 51.61	127 21.23	51 51.77	127 21.71	Absent
W 505	S	10	2/19	09:20	2/19	16:20	31	15	25	51 24.22	127 16.70	51 24.44	127 16.89	Absent
W 601	S	5	1/21	16:28	1/22	13:40	21	48	65	51 41.03	127 16.01	51 40.23	127 16.14	Present
W 602	S	5	1/21	16:52	1/22	14:27	22	100	112	51 40.26	127 16.52	51 40.99	127 16.48	Present
W 603	S	5	1/22	16:02	1/23	13:50	22	90	112	51 41.42	127 21.26	51 41.55	127 20.20	Absent
W 604	S	5	1/22	16:19	1/23	14:30	22	47	90	51 41.76	127 21.06	51 41.57	127 21.33	Present
W 605	S	4	1/23	16:49	1/24	15:00	22	70	122	51 46.36	127 26.97	51 46.59	127 26.68	Absent
W 606	S	5	1/23	16:56	1/24	15:30	23	46	52	51 46.71	127 26.55	51 46.74	127 27.00	Absent
W 607	S	5	1/24	17:45	1/26	08:50	39	36	40	51 51.60	127 21.24	51 51.66	127 21.55	Present
W 608	S	5	1/24	18:00	1/26	08:15	38	89	102	51 51.37	127 21.76	51 51.47	127 21.58	Absent
W 609	S	4	2/6	10:00	2/7	10:30	24	50	120	51 42.37	127 39.33	51 42.33	127 38.83	Absent
W 610	S	5	2/7	15:30	2/8	10:30	19	120	135	51 37.58	127 28.53	51 37.83	127 28.14	Absent
W 611	S	5	2/7	15:50	2/8	11:20	20	30	43	51 37.68	127 28.24	51 37.78	127 28.01	Absent
W 612	S	5	2/8	12:10	2/9	09:00	21	14	38	51 39.45	127 32.77	51 39.19	127 32.77	Absent
W 613	S	5	2/8	12:30	2/9	11:15	23	115	135	51 37.11	127 33.22	51 36.70	127 33.30	Present
W 614	S	5	2/9	12:10	2/10	09:40	22	55	80	51 35.71	127 34.21	51 34.40	127 35.19	Present
W 615	S	5	2/9	13:00	2/10	17:35	28	38	70	51 31.23	127 35.33	51 30.91	127 35.23	Present
W 616	S	5	2/10	13:30	2/11	10:20	22	65	90	51 30.39	127 31.97	51 30.48	127 32.70	Absent
W 617	S	5	2/11	08:15	2/12	09:45	26	50	80	51 33.54	127 36.35	51 31.60	127 38.42	Present
W 618	S	5	2/13	08:30	2/14	17:25	33	23	55	51 39.44	127 49.66	51 38.07	127 49.46	Absent

Table 1. (Cont'd)

Set No.	Fishing Method	Traps Sampled	Set Date	Set Time	Haul Date	Haul Time	Soak Time	Depth Min	Depth Max	Start Position Lat.	Start Position Long.	Finish Position Lat.	Finish Position Long.	*C. bairdi*
W 619	S	5	2/15	08:05	2/18	10:10	74	18	45	51 31.812	127 55.86	51 31.80	127 54.90	Absent
W 620	S	3	2/18	19:40	2/19	13:30	18	72	80	51 27.25	127 31.99	51 26.58	127 28.80	Absent
W 621	S	4	3/18	21:00	2/19	11:09	14	22	95	51 24.19	127 32.09	51 24.45	127 29.93	Present
W 622	S	4	1/28	11:30	2/6	10:00	214	60	123	51 42.38	127 39.33	51 42.33	127 38.87	Absent

Table 2. Set locations, dates, soak time, depths and presence of *C. bairdi*, Tanner crab trap survey, CCGS Neocaligus, March 10-16, 2004.

Set	Traps	Set		Haul		Soak	Depth		Start Position		Finish Position		*C. bairdi*
No.	Sampled	Date	Time	Date	Time	Time	Min	Max	Lat.	Long.	Lat.	Long.	
N 1	12	3/10	08:05	3/11	14:45	31	67	72	51 31.53	127 38.36	51 31.71	127 38.11	Present
N 2	12	3/10	08:30	3/11	15:30	31	80	85	51 33.90	127 35.42	51 34.28	127 35.21	Present
N 3	11	3/10	08:50	3/11	16:10	31	60	70	51 35.64	127 34.04	51 35.37	127 34.18	Present
N 4	4	3/10	09:05	3/12	17:55	57	330	330	51 34.51	127 32.83			Absent
N 5	4	3/10	09:25	3/12	17:35	56	320	320	51 32.36	127 32.42			Present
N 6	13	3/11	17:40	3/12	16:10	22	110	118	51 26.56	127 27.81	51 26.57	127 27.34	Present
N 7	12	3/11	18:10	3/12	14:10	20	120	123	51 26.22	127 19.74	51 26.11	127 19.17	Present
N 8	13	3/11	18:15	3/12	15:15	21	80	86	51 26.31	127 19.17	51 26.16	127 18.90	Present
N 9	8	3/13	09:00	3/13	12:30	4	68	70	51 43.93	127 27.54	51 44.17	127 27.60	Present
N 10	12	3/13	09:15	3/14	15:55	31	172	174	51 45.764	127 26.85	51 45.96	127 26.72	Present
N 11	10	3/13	09:30	3/14	15:30	30	115	120	51 46.47	127 26.56	51 46.60	127 26.81	Absent
N 12	8	3/13	09:40	3/13	13:15	4	50	60	51 46.69	127 26.98	51 46.73	127 26.71	Absent
N 13	12	3/13	14:00	3/14	13:55	24	127	143	51 49.56	127 21.72	51 49.79	127 21.55	Present
N 14	13	3/13	14:10	3/14	14:25	24	157	160	51 50.49	127 21.61	51 50.72	127 21.58	Present
N 15	11	3/14	17:10	3/15	14:00	21	120	120	51 41.52	127 20.98	51 41.43	127 20.57	Present
N 16	12	3/14	17:30	3/15	13:25	20	142	165	51 39.37	127 21.40	51 39.34	127 21.07	Present
N 17	12	3/14	17:40	3/15	17:40	21	110	120	51 40.13	127 18.96	51 40.13	127 18.66	Present
N 18	10	3/14	17:55	3/15	15:10	21	100	112	51 40.45	127 16.38	51 40.63	127 16.31	Present
N 19	10	3/15	16:45	3/16	11:30	19	124	142	51 37.08	127 33.18	51 36.88	127 33.19	Present
N 20	11	3/15	17:00	3/16	11:00	18	148	178	51 35.06	127 33.53	51 34.85	127 33.64	Present
N 21	12	3/15	17:15	3/16	10:00	17	62	78	51 35.64	127 34.04	51 35.37	127 34.18	Present
N 22	10	3/15	17:50	3/16	09:15	15	58	78	51 31.71	127 38.11	51 31.53	127 38.35	Absent

Table 3. Set locations, time, tow speed, distance towed and presence of *C. bairdi*, Tanner crab trawl survey, CCGS Neocaligus, March 10-16, 2004.

Set	Date	Time		Tow	Depth		Start		Finish		Distance	Speed	Bearing	*C. bairdi*
No.		Start	Finish	Time	Min	Max	Lat.	Long.	Lat.	Long.	(nau. mi)	(kts)		
N 101	3/10	09:55	10:03	8	162	173	51 32.96	127 31.35	51 32.75	127 31.41	0.3	2.3	190	Present
N 102	3/10	11:19	11:34	15	200	210	51 31.31	127 31.82	51 30.79	127 32.14	0.6	2.4	202	Absent
N 103	3/10	13:33	13:48	15	334	337	51 32.36	127 33.02	51 32.90	127 33.17	0.5	2.3	001	Absent
N 104	3/10	14:53	15:08	15	325	328	51 35.61	127 32.19	51 36.16	127 32.12	0.5	2.2	005	Present
N 105	3/10	16.33	16.37	4	135	136	51 36.91	127 33.19	51 36.87	127 33.18	0.2	2.3	175	Present
N 106	3/10	17:05	17:15	10	134	135	51 36.96	127 33.20	51 36.51	127 33.18	0.5	2.8	177	Present
N 107	3/11	08:03	08:18	15	289	293	51 39.21	127 25.14	51 38.94	127 25.84	0.6	2.3	240	Absent
N 108	3/11	09:48	10:03	15	225	236	51 41.43	127 28.33	51 41.53	127 29.39	0.6	2.6	276	Present
N 109	3/11	10:55	11:10	15	239	242	51 40.77	127 27.30	51 40.18	127 27.63	0.6	2.6	192	Absent
N 110	3/11	13:13	13:28	15	316	317	51 38.15	127 31.42	51 38.33	127 30.52	0.6	2.4	066	Absent
N 111	3/12	08:22	08:37	15	120	122	51 24.96	127 28.49	51 24.49	127 28.96	0.2	2.6	206	Present
N 112	3/12	09:40	09:55	15	119	123	51 25.82	127 27.50	51 26.41	127 27.36	0.6	2.7	006	Absent
N 113	3/12	10:35	10:50	15	133	151	51 26.44	127 24.32	51 26.42	127 25.28	0.6	2.4	271	Present
N 114	3/12	12:54	13:09	15	137	140	51 26.08	127 19.93	51 26.27	127 21.00	0.6	2.8	277	Present
N 115	3/13	09:51	10:06	15	185	193	51 45.69	127 27.09	51 45.21	127 27.32	0.5	2.7	194	Present
N 116	3/13	11:25	11:40	15	206	215	51 43.72	127 27.22	51 43.05	127 27.09	0.6	2.8	173	Absent
N 117	3/13	14:50	14:58	8	163	163	51 50.36	127 21.84	51 50.04	127 21.87	0.4	2.7	183	Present
N 118	3/13	15:36	15:51	15	182	187	51 49.45	127 22.29	51 48.87	127 22.61	0.6	2.7	200	Present
N 119	3/14	09:02	09:17	15	305	309	51 41.97	127 33.99	51 41.68	127 33.09	0.6	2.7	116	Absent
N 120	3/14	10:02	10:10	8	233	235	51 41.94	127 26.74	51 42.23	127 26.77	0.3	2.6	356	Absent
N 121	3/14	11:16	11:31	15	235	238	51 47.03	127 23.41	51 46.40	127 23.78	0.6	2.7	198	Absent
N 122	3/14	12:43	12:58	15	191	196	51 48.70	127 22.80	51 48.16	127 23.37	0.6	3.1	213	Absent
N 123	3/15	07:26	07:39	13	127	138	51 40.97	127 16.95	51 41.07	127 17.73	0.5	2.7	280	Present
N 124	3/15	10:16	10:31	15	155	180	51 40.70	127 17.38	51 40.38	127 18.13	0.5	2.7	221	Absent
N 125	3/15	11:13	11:28	15	142	178	51 41.28	127 20.82	51 41.26	127 19.71	0.6	2.9	089	Absent
N 126	3/15	12:38	12:53	15	234	247	51 40.07	127 21.69	51 40.03	127 22.83	0.6	2.8	273	Absent
N 127	3/16	07:22	07:32	10	79	83	51 34.94	127 34.41	51 34.61	127 34.77	0.5	2.7	212	Present
N 128	3/16	08:09	08:24	15	77	79	51 32.34	127 37.67	51 32.91	127 37.12	0.6	2.9	0.31	Absent
N 129	3/16	13:49	14:04	15	154	154	51 29.37	127 50.50	51 29.98	127 50.72	0.6	2.3	344	Absent
N 130	3/16	15:00	15:09	9	117	121	51 32.05	127 53.36	51 31.71	127 53.37	0.4	2.9	194	Absent
N 131	3/16	15:42	15:53	11	200	216	51 33.99	127 50.13	51 34.45	127 50.24	0.4	2.6	340	Absent

Table 4. Weight (kg) and number (n) of total trap catch by species, Tanner crab trap survey, F/V Western Bounty, January 20 - February 20, 2004.

Species	Number (n)	Weight (kg)
Crab		
Cancer magister	831	
Chionoecetes bairdi	385	
Munida quadrispina	35	1.30
Paguridae	31	1.70
Lopholithodes foraminatus	8	
Oregonia gracilis	5	0.40
Cancer gracilis	1	
Other		
Pycnopodia helianthoides	9	8.00
Pandalus platyceros	311	7.28
Enteroctopus dofleini	4	7.00
Sebastes maliger	11	5.50
Stylasterias forreri	21	4.30
Gastropoda	47	3.00
Porifera	2	3.00
Sebastes ruberrimus	2	3.00
Brisaster latifrons	55	2.97
Anoplopoma fimbria	2	2.50
Sebastes babcocki	1	2.00
Sebastes crameri	2	1.60
Hemitripterus bolini	1	1.50
Merluccius productus	1	1.50
Sebastes caurinus	2	1.25
Malacocottus zonurus	17	1.21
Sebastes aleutianus	2	1.20
Mediaster aequalis	17	0.81
Rhacochilus vacca	6	0.60
Enophrys bison	1	0.50
Holothuroidea	5	0.43
Theragra chalcogramma	2	0.35
Hemilepidotus hemilepidotus	1	0.30
Gadus macrocephalus	1	0.25
Leptocottus armatus	2	0.25
Ctenodiscus crispatus	3	0.13
Actiniaria	2	0.10
Cottidae	1	0.10
Florometra serratissima	4	0.10
Luidia foliolata	1	0.10
Lyopsetta exilis	1	0.10
Parophrys vetulus	1	0.10
Icelinus filamentosus	1	0.05
Pandalopsis dispar	2	0.04
Chlamys hastata	1	0.02
		62.84

Table 5. Weight (kg) and number (n) of total trap catch by species, Tanner crab trap survey, CCGS Neocaligus, March 10-16, 2004.

Species	Number (n)	Weight (kg)
Crab		
Cancer magister	462	
Chionoecetes bairdi	311	105.59
Munida quadrispina		6.48
Lopholithodes foraminatus	4	1.53
Chorilia longipes		0.05
Other		
Pandalus platyceros		30.33
Enteroctopus dofleini	1	16.40
Sebastes maliger	1	1.24
Pandalus hypsinotus		1.07
Myoxocephalus polyacanthocephalus		1.07
Sebastes crameri	1	1.04
Stylasterias forreri		0.70
Luidia foliolata		0.29
Theragra chalcogramma		0.27
Holothuroidea		0.23
Malacocottus zonurus		0.17
Gastropoda		0.13
Hippoglossoides elassodon		0.06
Brisaster latifrons		0.06
Ctenodiscus crispatus		0.05
Pandalus borealis		0.05
Pseudarchaster alascensis		0.03
Pandalus montagui tridens		0.01
Pandalus jordani		0.01
Pandalus danae		0.01
Nautichthys oculofasciatus		0.01

Table 6. Weight (kg) and number (n) of total trawl catch by species, Tanner crab trawl survey, CCGS Neocaligus, March 10-16, 2004.

Species	Number (n)	Weight (kg)	Percent of Total
Crab			
Munida quadrispina		8.29	0.69
Chionoecetes bairdi	40	5.21	0.43
Cancer magister	10	3.13	0.26
Lopholithodes foraminatus	1	1.44	
Chorilia longipes		0.08	
Paguridae		0.06	
Other			
Hydrolagus colliei		343.42	29.15
Merluccius productus		235.94	19.68
Theragra chalcogramma		167.30	13.96
Lyopsetta exilis		68.72	5.73
Pandalopsis dispar		67.96	5.67
Squalus acanthias		35.03	2.92
Primnoa spp.		19.25	1.61
Raja rhina		18.29	1.53
Pandalus jordani		18.00	1.50
Hippoglossoides elassodon		17.66	1.47
Brisaster latifrons		16.83	1.40
Lycodes pacificus		15.17	1.27
Parophrys vetulus		14.26	1.19
Anoplopoma fimbria		13.92	1.16
Pandalus platyceros		11.26	0.94
Cymatogaster aggregata		8.56	0.71
Microstomus pacificus		7.42	0.62
Gadus macrocephalus		7.31	0.61
Pandalus borealis		7.05	0.59
Glyptocephalus zachirus		6.36	0.53
Berryteuthis magister		6.07	0.51
Lycodes diapterus		5.20	0.43
Eualus spp.		4.98	0.42
Atheresthes stomias		4.40	0.37
Molpadia intermedia		4.39	0.37
Porifera		4.11	0.34
Sebastes zacentrus		3.81	0.32
Benthoctopus leioderma	1	3.68	0.31
Actiniaria		3.61	0.30
Hemitripterus bolini		3.40	0.28
Sebastes proriger		3.07	0.26
Sebastes maliger		2.97	0.25
Thaleichthys pacificus		2.08	0.17
Lumpenella longirostris		1.95	0.16
Luidia foliolata		1.55	0.13
Crangon communis		1.49	0.12
Agonopsis vulsa		1.43	0.12
Pandalus hypsinotus		1.43	0.12
Ctenodiscus crispatus		1.33	0.11

Table 6. (Cont'd)

Species	Number (n)	Weight (kg)	Percent of Total
Dasycottus setiger		1.32	0.11
Holothuroidea		1.31	0.11
Platichthys stellatus		1.11	0.09
Parastichopus californicus		1.05	0.09
Agonidae		0.95	0.08
Onchorhynchus tshawytscha	1	0.94	0.08
Pasiphaea pacifica		0.85	0.07
Malacocottus zonurus		0.70	0.06
Microgadus proximus		0.68	0.06
Bathyagonus nigripinnis		0.67	0.06
Lepidopsetta bilineata		0.45	0.04
Allocentrotus fragilis		0.42	0.04
Ophiodon elongatus		0.42	0.04
Sipuncuida		0.37	0.03
Pseudarchaster alascensis		0.33	0.03
Clupea pallasi		0.32	0.03
Sebastes aleutianus		0.27	0.02
Leuroglossus schmidti		0.25	0.02
Gephyreaster swifti		0.17	0.01
Icelinus burchami		0.16	0.01
Bothrocara pusillum		0.14	0.01
Lycodes brevipes		0.11	0.01
Rossia pacifica		0.11	0.01
Icelinus filamentosus		0.10	0.01
Sebastes alutus		0.10	0.01
Lycodapus mandibularis		0.08	0.01
Isopoda		0.07	0.01
Palaeotaxodonta		0.06	0.01
Brachiopoda		0.04	0.001
Lumpenus sagitta		0.04	0.001
Malacocottus kincaidi		0.03	0.001
Nectoliparis pelagicus		0.03	0.001
Gastropoda		0.02	0.001
Liparíscus nanus		0.02	0.001
Pandalus montagui tridens		0.02	0.001
Phrynophiurida		0.02	0.001
Bivalvia		0.01	0.001
Cryptacanthodes aleutensis		0.01	0.001
Echinasteridae		0.01	0.001
Entodesma navicula		0.01	0.001
Fusitriton oregonensis		0.01	0.001
Gasterosteus aculeatus		0.01	0.001
Hemilepidotus hemilepidotus		0.01	0.001
Lampetra tridentata		0.01	0.001
Loligo opalescens		0.01	0.001
Pectinidae		0.01	0.001
Psychrolutes sigalutes		0.01	0.001
Radulinus asprellus		0.01	0.001
Thyasiridae		0.01	0.001
Total		1198.75	100.0

Table 7. Catch by set location and species, Tanner crab trap survey, F/V Western Bounty, January 20 - February 20, 2004.

Set:	W 1			**Set:**	W 2		
Soak Time:	22			**Soak Time:**	25		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Top end Upper Rivers Inlet (N shore)			**Chart Reference:**	Top end Upper Rivers Inlet Mid Chan		
	Set	**Haul**			**Set**	**Haul**	
Date:	1/22	1/23		**Date:**	1/21	1/22	
Time:	10:30	8:20		**Time:**	17:20	18:07	
	Start	**Finish**			**Start**	**Finish**	
Depth:	102	132		**Depth:**	153	168	
Latitude:	51 41.09	51 41.15		**Latitude:**	51 40.68	51 40.63	
Longitude:	127 17.05	127 17.93		**Longitude:**	127 17.48	127 18.34	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			18	*Chionoecetes bairdi* (male)			12
Chionoecetes bairdi (female)			11	*Chionoecetes bairdi* (female)			4
Crustacean				**Crustacean**			
Munida quadrispina		0.02	1	*Pandalus platyceros*		0.05	1
Mollusc				**Mollusc**			
Gastropoda		0.05	1	*Gastropoda*		0.40	4
Echinoderm				**Rockfish**			
Brisaster latifrons		0.10	2	*Sebastes crameri*		1.50	1

Set:	W 3			**Set:**	W 4		
Soak Time:	23			**Soak Time:**	24		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Top end Upper Rivers Inlet (S shore)			**Chart Reference:**	E shore (Kilbella Bay)		
	Set	**Haul**			**Set**	**Haul**	
Date:	1/22	1/23		**Date:**	1/22	1/23	
Time:	11:05	10:00		**Time:**	12:18	12:25	
	Start	**Finish**			**Start**	**Finish**	
Depth:	120	144		**Depth:**	110	162	
Latitude:	51 40.17	51 40.20		**Latitude:**	51 41.38	51 41.62	
Longitude:	127 17.20	127 18.20		**Longitude:**	127 19.83	127 20.69	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			11	*Chionoecetes bairdi* (male)			3
Chionoecetes bairdi (female)			2	*Chionoecetes bairdi* (female)			1
Crustacean				**Roundfish**			
Pandalus platyceros		0.08	4	*Leptocottus armatus*		0.25	2
Echinoderm							
Brisaster latifrons		0.35	7				
Rockfish							
Sebastes maliger		0.25	2				

Table 7. (Cont'd)

Set:	W 5			**Set:**	W 6		
Soak Time:	23			**Soak Time:**	22		
Traps Sampled:	5			**Traps Sampled:**	6		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Off Kilbella Bay (Mid Channel)			**Chart Reference:**	Shotbolt Bay (Upper Rivers Inlet)		
	Set	**Haul**			**Set**	**Haul**	
Date:	1/21	1/22		**Date:**	1/23	1/24	
Time:	17:55	16:40		**Time:**	11:10	8:55	
	Start	**Finish**			**Start**	**Finish**	
Depth:	196	205		**Depth:**	68	98	
Latitude:	51 40.65	51 40.70		**Latitude:**	51 39.29	51 39.24	
Longitude:	127 19.71	127 20.66		**Longitude:**	127 20.92	127 21.20	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crustacean				**Crab**			
Pandalus platyceros		0.10	3	*Chionoecetes bairdi* (male)			15
Mollusc				*Chionoecetes bairdi* (female)			7
Gastropoda		0.10	1	**Mollusc**			
Roundfish				*Gastropoda*		0.10	1
Malacocottus zonurus		0.10	1	**Echinoderm**			
				Luidia foliolata		0.10	1
				Rockfish			
				Sebastes maliger		3.00	5
				Roundfish			
				Gadus macrocephalus		0.25	1

Table 7. (Cont'd)

Set: W 7
Soak Time: 41
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Upper Rivers Inlet (Mid Channel)

	Set	Haul
Date:	1/22	1/24
Time:	17:32	11:00
	Start	**Finish**
Depth:	228	240
Latitude:	51 39.97	51 39.94
Longitude:	127 22.36	127 22.76

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		1
Chionoecetes bairdi (female)		3
Crustacean		
Pandalus platyceros	0.10	2
Mollusc		
Gastropoda	0.10	3

Set: W 8
Soak Time: 15
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Opposite Rutherford Pt (N shore)

	Set	Haul
Date:	1/22	1/23
Time:	18:58	10:20
	Start	**Finish**
Depth:	145	220
Latitude:	51 40.81	51 40.86
Longitude:	127 23.05	127 23.35

Catch Species	Weight (kg)	N
Crustacean		
Munida quadrispina	0.30	11
Pandalus platyceros	0.50	13
Mollusc		
Enteroctopus dofleini	1.00	1
Gastropoda	0.60	4
Echinoderm		
Brisaster latifrons	0.10	1
Rockfish		
Sebastes ruberrimus	2.00	1
Sebastes babcocki	2.00	1

Set: W 9
Soak Time: 343
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: NE of McAllister Pt

	Set	Haul
Date:	1/23	2/6
Time:	11:45	18:30
	Start	**Finish**
Depth:	140	220
Latitude:	51 40.13	51 40.32
Longitude:	127 25.22	127 25.06

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		2
Chionoecetes bairdi (female)		1
Mollusc		
Gastropoda	0.15	2
Echinoderm		
Brisaster latifrons	0.15	3

Set: W 10
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off McPhee Bay

	Set	Haul
Date:	1/23	1/24
Time:	15:42	12:15
	Start	**Finish**
Depth:	280	280
Latitude:	51 39.02	51 39..00
Longitude:	127 25.10	127 25.33

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (female)		2
Roundfish		
Malacocottus zonurus	0.10	1

Table 7. (Cont'd)

Set: W 11
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Upper Rivers Inlet

	Set	Haul
Date:	2/6	2/7
Time:	17:40	17:20
	Start	**Finish**
Depth:	300	304
Latitude:	51 38.85	51 38.78
Longitude:	127 26.73	127 27.05

Catch Species	Weight (kg)	N
	0.0	0

Set: W 12
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Scandinavia Bay

	Set	Haul
Date:	2/7	2/8
Time:	16:20	13:40
	Start	**Finish**
Depth:	200	260
Latitude:	51 37.63	51 37.76
Longitude:	127 28.66	127 28.47

Catch Species	Weight (kg)	N
Crustacean		
Pandalopsis dispar	0.02	1
Echinoderm		
Brisaster latifrons	0.12	6
Roundfish		
Malacocottus zonurus	0.03	1

Set: W 13
Soak Time: 20
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Scandinavia Bay (Mid Rivers Inlet)

	Set	Haul
Date:	2/7	2/8
Time:	16:30	12:12
	Start	**Finish**
Depth:	300	305
Latitude:	51 37.73	51 37.81
Longitude:	127 28.87	127 28.65

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		1
Crustacean		
Pandalopsis dispar	0.02	1
Pandalus platyceros	0.04	2

Set: W 14
Soak Time: 29
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off Scandinavia Bay

	Set	Haul
Date:	2/7	2/8
Time:	9:00	14:00
	Start	**Finish**
Depth:	305	310
Latitude:	51 38.29	51 38.18
Longitude:	127 28.11	127 28.40

Catch Species	Weight (kg)	N
Mollusc		
Gastropoda	0.08	3

Table 7. (Cont'd)

Set: W 15
Soak Time:
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: E of Wannock Cove (Mid Rivers Inlet)

	Set	Haul
Date	2/7	2/8
Time:	17:00	:
	Start	**Finish**
Depth:	310	310
Latitude:	51 38.49	51 38.51
Longitude:	127 29.33	127 29.08

Catch Species	Weight (kg)	N
Mollusc		
Gastropoda	0.10	4

Set: W 16
Soak Time: 24
Traps Sampled: 4
Trap Spacing: 80
Chart Reference: Off Ralph Pt (Mid Rivers Inlet)

	Set	Haul
Date	2/6	2/7
Time:	14:45	14:40
	Start	**Finish**
Depth:	240	240
Latitude:	51 40.98	51 40.79
Longitude:	127 27.274	127 27.38

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		2
Crustacean		
Pandalus platyceros	0.04	2
Mollusc		
Gastropoda	0.05	1

Set: W 17
Soak Time: 17
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: N of Owikeno Pt (Lower Moses Inlet)

	Set	Haul
Date:	1/26	1/27
Time:	16:30	9:55
	Start	**Finish**
Depth:	235	240
Latitude:	51 42.15	51 42.25
Longitude:	127 26.91	127 26.89

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		2
Crustacean		
Oregonia gracilis	0.10	1
Pandalus platyceros	0.12	6
Mollusc		
Gastropoda	0.10	1
Echinoderm		
Mediaster aequalis	0.25	4
Roundfish		
Malacocottus zonurus	0.10	1

Set: W 18
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Center of Lower Moses Inlet

	Set	Haul
Date:	1/24	1/25
Time:	13:40	13:00
	Start	**Finish**
Depth:	205	208
Latitude:	51 43.69	51 43.92
Longitude:	127 27.23	127 27.27

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		7
Chionoecetes bairdi (female)		2
Echinoderm		
Holothuroidea	0.10	1
Mediaster aequalis	0.02	1
Roundfish		
Malacocottus zonurus	0.10	1

Table 7. (Cont'd)

Set:	W 19			**Set:**	W 20	
Soak Time:	24			**Soak Time:**	26	
Traps Sampled:	5			**Traps Sampled:**	6	
Trap Spacing:	80			**Trap Spacing:**	80	
Chart Reference:	W of Hoy Pt (Lower Moses Inlet)			**Chart Reference:**	E of Nelson Narrows	
	Set	**Haul**			**Set**	**Haul**
Date:	1/24	1/25		**Date:**	1/24	1/25
Time:	13:55	13:45		**Time:**	14:30	16:00
	Start	**Finish**			**Start**	**Finish**
Depth:	165	180		**Depth:**	122	145
Latitude:	51 45.92	51 46.11		**Latitude:**	51 46.05	51 46.08
Longitude:	127 26.80	127 26.84		**Longitude:**	127 25.29	127 25.02
Catch				**Catch**		
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			23	*Cancer magister* (male)			1
Chionoecetes bairdi (female)			6	**Crustacean**			
Cancer magister (female)			1	*Pandalus platyceros*		0.15	6
Lopholithodes foraminatus (female)			1				
Crustacean							
Pandalus platyceros		0.16	8				

Set:	W 21			**Set:**	W 22	
Soak Time:	25			**Soak Time:**	23	
Traps Sampled:	5			**Traps Sampled:**	5	
Trap Spacing:	80			**Trap Spacing:**	80	
Chart Reference:	E of Nelson Narrows			**Chart Reference:**	S of Penelope Pt	
	Set	**Haul**			**Set**	**Haul**
Date:	1/24	1/25		**Date:**	1/25	1/26
Time:	14:15	15:30		**Time:**	14:35	13:35
	Start	**Finish**			**Start**	**Finish**
Depth:	95	105		**Depth:**	240	240
Latitude:	51 46.16	51 46.19		**Latitude:**	51 46.64	51 46.86
Longitude:	127 25.21	127 24.93		**Longitude:**	127 23.65	127 23.48
Catch				**Catch**		
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			2	*Chionoecetes bairdi* (female)			1
Crustacean				**Mollusc**			
Pandalus platyceros		0.25	6	*Enteroctopus dofleini*		1.00	1
Rockfish				**Roundfish**			
Sebastes ruberrimus		1.00	1	*Hemitripterus bolini*		1.50	1

Table 7. (Cont'd)

Set:	W 23			**Set:**	W 24		
Soak Time:	22			**Soak Time:**	18		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Off Penelope Pt			**Chart Reference:**	Opposite shore of Eberts Cove		
	Set	**Haul**			**Set**	**Haul**	
Date:	1/25	1/26		**Date:**	1/25	1/26	
Time:	14:55	12:50		**Time:**	16:55	11:07	
	Start	**Finish**			**Start**	**Finish**	
Depth:	195	200		**Depth:**	125	180	
Latitude:	51 48.01	51 48.20		**Latitude:**	51 49.55	51 49.81	
Longitude:	127 23.44	127 23.36		**Longitude:**	127 22.56	127 22.29	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			6	*Chionoecetes bairdi* (male)			8
Chionoecetes bairdi (female)			3	*Chionoecetes bairdi* (female)			3
Crustacean				**Crustacean**			
Pandalus platyceros		0.02	1	*Oregonia gracilis*		0.10	1
Echinoderm				*Pandalus platyceros*		0.10	3
Mediaster aequalis		0.10	1	**Flatfish**			
				Lyopsetta exilis		0.10	1

Set:	W 25			**Set:**	W 26		
Soak Time:	19			**Soak Time:**	23		
Traps Sampled:	5			**Traps Sampled:**	6		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Head of Eberts Cove			**Chart Reference:**	Top end of Upper Moses Inlet		
	Set	**Haul**			**Set**	**Haul**	
Date:	1/25	1/26		**Date:**	1/25	1/26	
Time:	17:15	11:50		**Time:**	11:10	10:30	
	Start	**Finish**			**Start**	**Finish**	
Depth:	148	165		**Depth:**	141	148	
Latitude:	51 49.64	51 49.77		**Latitude:**	51 50.39	51 50.60	
Longitude:	127 21.82	127 21.58		**Longitude:**	127 21.75	127 21.72	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			7	*Chionoecetes bairdi* (male)			9
Chionoecetes bairdi (female)			1	*Chionoecetes bairdi* (female)			13
Cancer magister (male)			1	**Crustacean**			
Crustacean				*Pandalus platyceros*		0.10	4
Pandalus platyceros		0.20	9	**Echinoderm**			
Echinoderm				*Brisaster latifrons*		0.10	1
Brisaster latifrons		0.10	4				
Roundfish							
Malacocottus zonurus		0.10	1				

Table 7. (Cont'd)

Set: W 27
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: E end of Hardy Inlet

	Set	Haul
Date:	2/6	2/7
Time:	11:30	11:25
	Start	**Finish**
Depth:	215	222
Latitude:	51 42.30	51 42.28
Longitude:	127 37.75	127 37.47

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		29
Cancer magister (female)		18
Crustacean		
Pandalus platyceros	0.20	8
Echinoderm		
Brisaster latifrons	0.10	1

Set: W 28
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off MacNair Creek (Hardy Inlet)

	Set	Haul
Date:	2/6	2/7
Time:	12:25	12:20
	Start	**Finish**
Depth:	310	325
Latitude:	51 41.75	51 41.77
Longitude:	127 33.22	127 33.60

Catch Species	Weight (kg)	N
Crustacean		
Oregonia gracilis	0.10	2
Echinoderm		
Brisaster latifrons	0.25	2

Set: W 29
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Opposite shore of MacNair Creek

	Set	Haul
Date:	2/6	2/7
Time:	13:10	13:10
	Start	**Finish**
Depth:	60	110
Latitude:	51 41.45	51 41.31
Longitude:	127 33.60	127 33.36

Catch Species	Weight (kg)	N
Crustacean		
Munida quadrispina	0.06	3
Pandalus platyceros	0.12	6

Set: W 30
Soak Time: 45
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Matilda Creek (Hardy Inlet)

	Set	Haul
Date:	1/26	1/28
Time:	15:45	12:20
	Start	**Finish**
Depth:	275	278
Latitude:	51 41.84	51 41.86
Longitude:	127 31.31	127 31.60

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		2
Chionoecetes bairdi (female)		1
Echinoderm		
Brisaster latifrons	0.10	1

Table 7. (Cont'd)

Set: W 31
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Hardy Inlet (N shore)

	Set	Haul
Date:	2/6	2/7
Time:	14:00	13:55
	Start	**Finish**
Depth:	40	65
Latitude:	51 41.74	51 41.75
Longitude:	127 28.51	127 28.74

Catch Species	Weight (kg)	N
Crustacean		
Munida quadrispina	0.10	2
Pandalus platyceros	0.02	1
Echinoderm		
Stylasterias forreri	0.30	1
Mediaster aequalis	0.10	1
Rockfish		
Sebastes caurinus	1.00	1

Set: W 32
Soak Time: 46
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Hardy Inlet (Mid Channel)

	Set	Haul
Date:	1/26	1/28
Time:	15:25	13:20
	Start	**Finish**
Depth:	237	238
Latitude:	51 41.54	51 41.50
Longitude:	127 29.06	127 28.79

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		8
Chionoecetes bairdi (female)		1

Set: W 33
Soak Time:
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Hardy Inlet (S shore)

	Set	Haul
Date:	1/26	1/28
Time:	16:10	:
	Start	**Finish**
Depth:	135	165
Latitude:	51 41.34	51 41.29
Longitude:	127 29.32	127 29.05

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		5
Crustacean		
Munida quadrispina	0.15	4
Pandalus platyceros	0.40	20
Echinoderm		
Brisaster latifrons	0.10	1
Roundfish		
Malacocottus zonurus	0.10	1

Set: W 34
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off Sandell Bay (Mid Rivers Inlet)

	Set	Haul
Date:	2/8	2/9
Time:	13:00	9:45
	Start	**Finish**
Depth:	120	190
Latitude:	51 38.37	51 38.54
Longitude:	127 32.59	127 32.47

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		3
Crustacean		
Pandalus platyceros	0.07	3
Echinoderm		
Mediaster aequalis	0.10	1

Table 7. (Cont'd)

Set:	W 35			**Set:**	W 36		
Soak Time:	25			**Soak Time:**	21		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Off Rutherford Creek (Mid Rivers Inlet)			**Chart Reference:**	W of Stone Pt (Mid Rivers Inlet)		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/8	2/9		**Date:**	2/7	2/8	
Time:	9:30	10:30		**Time:**	18:30	15:45	
	Start	**Finish**			**Start**	**Finish**	
Depth:	310	315		**Depth:**	320	325	
Latitude:	51 37.94	51 38.08		**Latitude:**	51 37.27	51 37.11	
Longitude:	127 32.50	127 32.39		**Longitude:**	127 31.32	127 31.49	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Chionoecetes bairdi (male)			1	*Chionoecetes bairdi* (male)			1

Set:	W 37			**Set:**	W 38		
Soak Time:	24			**Soak Time:**	22		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	E of Bickle Passage (Mid Rivers Inlet)			**Chart Reference:**	W of Ida Island (Mid Rivers Inlet)		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/8	2/9		**Date:**	2/8	2/9	
Time:	16:40	16:15		**Time:**	16:50	15:00	
	Start	**Finish**			**Start**	**Finish**	
Depth:	340	342		**Depth:**	160	180	
Latitude:	51 34.67	51 34.47		**Latitude:**	51 34.13	51 34.31	
Longitude:	127 32.57	127 32.60		**Longitude:**	127 31.83	127 31.79	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
		0.0	0	**Crustacean**			
				Pandalus platyceros		0.04	2
				Roundfish			
				Malacocottus zonurus		0.15	3

Table 7. (Cont'd)

Set: W 39
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Ida Island

	Set	Haul
Date	2/8	2/9
Time:	17:00	14:35
	Start	**Finish**
Depth:	85	95
Latitude:	51 34.26	51 34.10
Longitude:	127 31.70	127 31.72

Catch Species	Weight (kg)	N
Crab		
Lopholithodes foraminatus (male)		2
Crustacean		
Pandalus platyceros	0.10	5
Echinoderm		
Stylasterias forreri	0.25	1

Set: W 40
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Ethel Island

	Set	Haul
Date	2/9	2/10
Time:	15:45	14:10
	Start	**Finish**
Depth:	85	90
Latitude:	51 32.90	51 33.05
Longitude:	127 32.12	127 32.07

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.16	8

Set: W 41
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Ethel Island (Mid Rivers Inlet)

	Set	Haul
Date:	2/9	2/10
Time:	16:00	14:30
	Start	**Finish**
Depth:	145	150
Latitude:	51 32.92	51 33.10
Longitude:	127 32.20	127 32.17

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		1
Crustacean		
Pandalus platyceros	0.25	13
Roundfish		
Malacocottus zonurus	0.10	1

Set: W 42
Soak Time: 31
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Ethel Island (Mid Channel)

	Set	Haul
Date:	2/9	2/10
Time:	8:00	15:00
	Start	**Finish**
Depth:	335	340
Latitude:	51 33.03	51 32.82
Longitude:	127 32.93	127 32.98

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		1
Rockfish		
Sebastes aleutianus	1.00	1

Table 7. (Cont'd)

Set: W 43
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: E of Hemasila Inlet (Mid Channel)

	Set	Haul
Date:	2/10	2/11
Time:	13:35	11:00
	Start	**Finish**
Depth:	340	350
Latitude:	51 31.21	51 31.00
Longitude:	127 33.54	127 33.70

Catch Species	Weight (kg)	N
Rockfish		
Sebastes aleutianus	0.20	1
Roundfish		
Anoplopoma fimbria	1.00	1

Set: W 44
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: NW of Wadhams (Mid Rivers Inlet)

	Set	Haul
Date:	2/9	2/10
Time:	13:55	12:00
	Start	**Finish**
Depth:	200	215
Latitude:	51 31.00	51 31.09
Longitude:	127 32.14	127 32.11

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		2

Set: W 45
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: NW of Wadhams

	Set	Haul
Date:	2/9	2/10
Time:	14:00	12:55
	Start	**Finish**
Depth:	125	152
Latitude:	51 31.02	51 31.19
Longitude:	127 31.59	127 31.48

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (female)		1
Crustacean		
Munida quadrispina	0.10	1
Pandalus platyceros	0.30	13
Roundfish		
Malacocottus zonurus	0.10	2

Set: W 46
Soak Time: 25
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Hemasila Inlet

	Set	Haul
Date:	2/10	2/11
Time:	11:10	12:20
	Start	**Finish**
Depth:	100	115
Latitude:	51 30.74	51 30.87
Longitude:	127 35.17	127 34.96

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.40	18
Mollusc		
Enteroctopus dofleini	5.00	2

Table 7. (Cont'd)

Set: W 47
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Hemasila Inlet

	Set	Haul
Date:	2/10	2/11
Time:	11:30	11:40
	Start	**Finish**
Depth:	315	320
Latitude:	51 30.65	51 30.80
Longitude:	127 34.89	127 34.67

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		1
Chionoecetes bairdi (female)		1

Set: W 48
Soak Time: 24
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Draney Narrows

	Set	Haul
Date:	2/10	2/11
Time:	16:10	16:30
	Start	**Finish**
Depth:	320	330
Latitude:	51 28.80	51 28.62
Longitude:	127 35.26	127 35.44

Catch Species	Weight (kg)	N
Echinoderm		
Holothuroidea	0.10	1

Set: W 49
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: SW of Draney Narrows (Lower Rivers Inlet)

	Set	Haul
Date:	2/10	2/11
Time:	16:20	15:15
	Start	**Finish**
Depth:	305	310
Latitude:	51 28.15	51 28.24
Longitude:	127 35.67	127 35.51

Catch Species	Weight (kg)	N
	0.0	0

Set: W 50
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: SW of Draney Narrows

	Set	Haul
Date:	2/10	2/11
Time:	16:30	15:55
	Start	**Finish**
Depth:	200	215
Latitude:	51 28.20	51 28.28
Longitude:	127 35.08	127 34.87

Catch Species	Weight (kg)	N
Echinoderm		
Brisaster latifrons	0.10	1
Roundfish		
Anoplopoma fimbria	1.50	1

Table 7. (Cont'd)

Set: W 51
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: N of Major Brown Rk (Lower Rivers Inlet)

	Set	Haul
Date:	2/11	2/12
Time:	13:30	12:20
	Start	**Finish**
Depth:	360	370
Latitude:	51 26.00	51 26.03
Longitude:	127 40.91	127 41.22

Catch Species	Weight (kg)	N
	0.0	0

Set: W 52
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: N of Major Brown Rk

	Set	Haul
Date:	2/11	2/12
Time:	13:50	11:30
	Start	**Finish**
Depth:	290	325
Latitude:	51 26.09	51 26.00
Longitude:	127 41.69	127 41.96

Catch Species	Weight (kg)	N
Mollusc		
Gastropoda	0.10	2
Other		
Actiniaria	0.10	2

Set: W 53
Soak Time: 73
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Rouse Pt (Lower Fitz Hugh)

	Set	Haul
Date:	2/15	2/18
Time:	13:10	13:45
	Start	**Finish**
Depth:	165	170
Latitude:	51 28.43	51 28.59
Longitude:	127 46.89	127 46.99

Catch Species	Weight (kg)	N
Crustacean		
Paguridae	0.10	2
Pandalus platyceros	0.08	4
Mollusc		
Gastropoda	0.35	7

Set: W 54
Soak Time: 68
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Lower Fitz Hugh (Mid Channel)

	Set	Haul
Date:	2/15	2/18
Time:	12:45	08:50
	Start	**Finish**
Depth:	168	170
Latitude:	51 30.45	51 30.24
Longitude:	127 51.57	127 51.55

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.06	3

Table 7. (Cont'd)

Set: W 55
Soak Time: 73
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: S of Safety Cove (E shore Calvert Is)

	Set	Haul
Date:	2/15	2/18
Time:	08:30	09:25
	Start	**Finish**
Depth:	130	135
Latitude:	51 30.55	51 30.37
Longitude:	127 53.53	127 53.39

Catch Species	Weight (kg)	N
Crustacean		
Paguridae	1.50	27
Pandalus platyceros	0.20	10
Roundfish		
Malacocottus zonurus	0.03	1
Enophrys bison	0.50	1

Set: W 56
Soak Time: 94
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off Safety Cove (Lower Fitz Hugh)

	Set	Haul
Date:	2/14	2/18
Time:	12:20	10:40
	Start	**Finish**
Depth:	124	125
Latitude:	51 32.29	51 32.09
Longitude:	127 53.33	127 53.34

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.12	6

Set: W 57
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: N of Truman Pt (Lower Fitz Hugh)

	Set	Haul
Date:	2/14	2/15
Time:	13:00	11:15
	Start	**Finish**
Depth:	220	240
Latitude:	51 34.67	51 35.87
Longitude:	127 53.68	127 53.77

Catch Species	Weight (kg)	N
Echinoderm		
Pycnopodia helianthoides	2.00	1

Set: W 58
Soak Time: 17
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: NE of Truman Pt (Lower Fitz Hugh)

	Set	Haul
Date:	2/14	2/15
Time:	18:40	11:45
	Start	**Finish**
Depth:	250	260
Latitude:	51 34.58	51 34.41
Longitude:	127 52.73	127 52.65

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.04	2
Mollusc		
Gastropoda	0.10	2
Echinoderm		
Mediaster aequalis	0.10	2

Table 7. (Cont'd)

Set: W 59
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Hanbury Pt (Lower Fitz Hugh)

	Set	Haul
Date:	2/14	2/15
Time:	12:10	09:20
	Start	**Finish**
Depth:	195	205
Latitude:	51 34.82	51 34.73
Longitude:	127 50.85	127 50.62

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.08	4

Set: W 60
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: E of Addenbroke Is (Upper Fitz Hugh)

	Set	Haul
Date:	2/14	2/15
Time:	11:50	09:55
	Start	**Finish**
Depth:	130	170
Latitude:	51 35.79	51 35.92
Longitude:	127 51.66	127 51.86

Catch Species	Weight (kg)	N
Crustacean		
Paguridae	0.10	2
Pandalus platyceros	0.50	20
Roundfish		
Malacocottus zonurus	0.10	2
Other		
Porifera	3.00	2

Set: W 61
Soak Time:
Traps Sampled: 0
Trap Spacing: 80
Chart Reference: Lost set (W of Addenbroke Is)

	Set	Haul
Date:	2/14	
Time:	18:25	
	Start	**Finish**
Depth:	300	320
Latitude:	51 36.25	51 36.07
Longitude:	127 53.31	127 53.23

Catch Species	Weight (kg)	N
	0.0	0

Set: W 62
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Calvert Island (Opp Addenbroke Is)

	Set	Haul
Date:	2/14	2/15
Time:	12:30	10:40
	Start	**Finish**
Depth:	270	290
Latitude:	51 36.13	51 36.32
Longitude:	127 54.32	127 54.38

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.02	1
Mollusc		
Gastropoda	0.15	6
Roundfish		
Merluccius productus	1.50	1

Table 7. (Cont'd)

Set:	W 63			**Set:**	W 64	
Soak Time:	23			**Soak Time:**	24	
Traps Sampled:	5			**Traps Sampled:**	5	
Trap Spacing:	80			**Trap Spacing:**	80	
Chart Reference:	S of Wedgborough Pt (Upper Fitz Hugh)			**Chart Reference:**	E of Wedgborough Pt (Mid Channel)	
	Set	**Haul**			**Set**	**Haul**
Date:	2/13	2/14		**Date:**	2/13	2/14
Time:	10:00	09:15		**Time:**	09:35	10:50
	Start	**Finish**			**Start**	**Finish**
Depth:	320	330		**Depth:**	330	330
Latitude:	51 38.38	51 38.52		**Latitude:**	51 38.30	51 38.49
Longitude:	127 56.57	127 56.74		**Longitude:**	127 54.31	127 54.44
Catch				**Catch**		
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)** **N**
		0.0	0			0.0 0

Set:	W 65			**Set:**	W 66	
Soak Time:	26			**Soak Time:**	28	
Traps Sampled:	5			**Traps Sampled:**	5	
Trap Spacing:	80			**Trap Spacing:**	80	
Chart Reference:	N of Fairmile Pass			**Chart Reference:**	Off Whidbey Pt (Upper Fitz Hugh)	
	Set	**Haul**			**Set**	**Haul**
Date:	2/13	2/14		**Date:**	2/13	2/14
Time:	09:10	10:50		**Time:**	11:30	16:00
	Start	**Finish**			**Start**	**Finish**
Depth:	135	145		**Depth:**	315	330
Latitude:	51 38.79	51 38.60		**Latitude:**	51 42.82	51 42.57
Longitude:	127 52.10	127 51.99		**Longitude:**	127 54.25	127 54.20
Catch				**Catch**		
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)** **N**
Crustacean				**Crustacean**		
Pandalus platyceros		0.10	5	*Pandalus platyceros*		0.02 1
Roundfish				**Mollusc**		
Icelinus filamentosus		0.05	1	*Gastropoda*		0.03 1
				Echinoderm		
				Brisaster latifrons		0.10 5

Table 7. (Cont'd)

Set:	W 67			**Set:**	W 68		
Soak Time:	28			**Soak Time:**	28		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Off Whidbey Pt (Mid Channel)			**Chart Reference:**	S of Kelpie Pt (Upper Fitz Hugh)		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/13	2/14		**Date:**	2/13	2/14	
Time:	11:00	15:05		**Time:**	10:40	14:10	
	Start	**Finish**			**Start**	**Finish**	
Depth:	340	340		**Depth:**	305	315	
Latitude:	51 43.01	51 42.83		**Latitude:**	51 42.17	51 42.37	
Longitude:	127 57.08	127 56.97		**Longitude:**	127 58.66	127 58.73	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
		0.0	0			0.0	0
Set:	W 69			**Set:**	W 70		
Soak Time:	16			**Soak Time:**	15		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Robert Arm Junction (Draney Inlet)			**Chart Reference:**	Robert Arm (Draney Inlet)		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/18	2/19		**Date:**	2/18	2/19	
Time:	20:15	12:40		**Time:**	20:35	12:00	
	Start	**Finish**			**Start**	**Finish**	
Depth:	120	125		**Depth:**	120	125	
Latitude:	51 26.36	51 26.16		**Latitude:**	51 24.81	51 24.65	
Longitude:	127 27.40	127 27.38		**Longitude:**	127 28.46	127 28.63	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Chionoecetes bairdi (male)			5	*Chionoecetes bairdi* (male)			18
Chionoecetes bairdi (female)			1	*Chionoecetes bairdi* (female)			2
Crustacean				*Cancer magister* (male)			3
Pandalus platyceros		0.04	2	*Cancer magister* (female)			9
				Crustacean			
				Pandalus platyceros		0.04	2

Table 7. (Cont'd)

Set: W 71
Soak Time: 16
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Draney Inlet Junction

	Set	Haul
Date:	2/18	2/19
Time:	21:45	14:10
	Start	**Finish**
Depth:	130	140
Latitude:	51 26.44	51 26.42
Longitude:	127 25.79	127 25.46

Catch Species	Weight (kg)	N
Chionoecetes bairdi (male)		9
Chionoecetes bairdi (female)		1
Crustacean		
Pandalus platyceros	0.14	7
Roundfish		
Theragra chalcogramma	0.15	1

Set: W 72
Soak Time: 17
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Draney Inlet Mid Channel

	Set	Haul
Date:	2/18	2/19
Time:	22:05	14:55
	Start	**Finish**
Depth:	150	155
Latitude:	51 26.19	51 26.18
Longitude:	127 22.11	127 21.78

Catch Species	Weight (kg)	N
Chionoecetes bairdi (male)		32
Chionoecetes bairdi (female)		4
Cancer magister (male)		3
Cancer magister (female)		4
Crustacean		
Pandalus platyceros	0.04	2
Echinoderm		
Holothuroidea	0.03	1
Ctenodiscus crispatus	0.03	2

Set: W 73
Soak Time: 17
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: S of Allard Bay (Draney Inlet)

	Set	Haul
Date:	2/18	2/19
Time:	22:25	15:35
	Start	**Finish**
Depth:	125	130
Latitude:	51 26.07	51 26.04
Longitude:	127 19.55	127 19.25

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		17
Chionoecetes bairdi (female)		6
Cancer magister (male)		14
Cancer magister (female)		9

Set: W 74
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off Fleming Pt

	Set	Haul
Date:	2/11	2/12
Time:	19:05	16:25
	Start	**Finish**
Depth:	140	155
Latitude:	51 31.09	51 30.95
Longitude:	127 40.87	127 41.15

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.04	2

Table 7. (Cont'd)

Set:	W 75			**Set:**	W 76		
Soak Time:	21			**Soak Time:**	20		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Morgan Bay			**Chart Reference:**	N of Bosquet Pt		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/11	2/12		**Date:**	2/11	2/12	
Time:	19:00	15:50		**Time:**	18:10	14:10	
	Start	**Finish**			**Start**	**Finish**	
Depth:	65	76		**Depth:**	210	230	
Latitude:	51 31.95	51 31.82		**Latitude:**	51 30.90	51 30.92	
Longitude:	127 42.05	127 41.80		**Longitude:**	127 43.57	127 43.88	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
		0.0	0			0.0	0

Set:	W 77			**Set:**	W 78		
Soak Time:	20			**Soak Time:**	19		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:	80			**Trap Spacing:**	80		
Chart Reference:	Off Lone Island			**Chart Reference:**	Kwakshua Channel		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/11	2/12		**Date:**	2/13	2/14	
Time:	18:25	14:55		**Time:**	13:00	08:15	
	Start	**Finish**			**Start**	**Finish**	
Depth:	195	235		**Depth:**	170	178	
Latitude:	51 30.69	51 30.73		**Latitude:**	51 39.22	51 39.23	
Longitude:	127 45.03	127 45.35		**Longitude:**	128 2.16	128 2.43	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Echinoderm							
Holothuroidea		0.20	2			0.0	0
Brisaster latifrons		1.00	18				

Table 7. (Cont'd)

Set: W 79
Soak Time: 221
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off Ralph Pt (Hardy Inlet Junction)

	Set	Haul
Date:	1/28	2/6
Time:	09:40	14:25
	Start	**Finish**
Depth:	240	245
Latitude:	51 40.83	51 40.95
Longitude:	127 27.20	127 27.14

Catch Species	Weight (kg)	N
	0.0	0

Set: W 80
Soak Time: 215
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: W of Hoy Pt (Lower Moses Inlet)

	Set	Haul
Date:	1/28	2/6
Time:	16:15	15:40
	Start	**Finish**
Depth:	165	180
Latitude:	51 45.93	51 46.13
Longitude:	127 26.92	127 26.92

Catch Species	Weight (kg)	N
	0.0	0

Set: W 81
Soak Time: 216
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: E end of Hardy Inlet

	Set	Haul
Date:	1/28	2/6
Time:	11:15	10:55
	Start	**Finish**
Depth:	200	225
Latitude:	51 42.31	51 42.30
Longitude:	127 37.61	127 37.83

Catch Species	Weight (kg)	N
	0.0	0

Set: W 82
Soak Time: 213
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Off MacNair Creek (Hardy Inlet)

	Set	Haul
Date:	1/28	2/6
Time:	15:15	12:00
	Start	**Finish**
Depth:	310	320
Latitude:	51 41.80	51 41.78
Longitude:	127 33.57	127 33.37

Catch Species	Weight (kg)	N
	0.0	0

Table 7. (Cont'd)

Set: W 83
Soak Time: 214
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Opposite shore of MacNair Creek

	Set	Haul
Date:	1/28	2/6
Time:	15:00	12:50
	Start	**Finish**
Depth:	108	190
Latitude:	51 41.39	51 41.58
Longitude:	127 33.40	127 33.66

Catch Species	Weight (kg)	N
	0.0	0

Set: W 84
Soak Time: 217
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Hardy Inlet (N shore)

	Set	Haul
Date:	1/28	2/6
Time:	13:07	13:40
	Start	**Finish**
Depth:	87	100
Latitude:	51 41.75	51 41.74
Longitude:	127 28.74	127 28.51

Catch Species	Weight (kg)	N
	0.0	0

Set: W 501
Soak Time: 21
Traps Sampled: 7
Trap Spacing: 200
Chart Reference: Wannock Estuary (Upper Rivers Inlet)

	Set	Haul
Date:	1/21	1/22
Time:	15:55	12:55
	Start	**Finish**
Depth:	12	30
Latitude:	51 40.30	51 40.83
Longitude:	127 16.01	127 16.00

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		16
Echinoderm		
Stylasterias forreri	2.10	9
Flatfish		
Parophrys vetulus	0.10	1

Set: W 502
Soak Time: 22
Traps Sampled: 10
Trap Spacing: 80
Chart Reference: Kilbella Bay Estuary

	Set	Haul
Date:	1/22	1/23
Time:	15:30	13:00
	Start	**Finish**
Depth:	7	33
Latitude:	51 41.77	51 41.50
Longitude:	127 20.45	127 21.43

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		13
Cancer magister (female)		7
Mollusc		
Gastropoda	0.10	1
Echinoderm		
Pycnopodia helianthoides	1.00	2

Table 7. (Cont'd)

Set:	W 503			**Set:**	W 504		
Soak Time:	23			**Soak Time:**	22		
Traps Sampled:	10			**Traps Sampled:**	10		
Trap Spacing:	100			**Trap Spacing:**	50		
Chart Reference:	Inrig Bay Estuary (Lower Moses Inlet)			**Chart Reference:**	Upper Moses Inlet Estuary		
	Set	**Haul**			**Set**	**Haul**	
Date:	1/23	1/24		**Date:**	1/25	1/26	
Time:	17:10	16:00		**Time:**	11:25	09:30	
	Start	**Finish**			**Start**	**Finish**	
Depth:	7	18		**Depth:**	7	20	
Latitude:	51 46.74	51 46.84		**Latitude:**	51 51.61	51 51.77	
Longitude:	127 27.00	127 26.45		**Longitude:**	127 21.23	127 21.71	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Cancer magister (male)			59	*Cancer magister* (male)			40
Cancer magister (female)			12	*Cancer magister* (female)			9
Echinoderm							
Pycnopodia helianthoides		1.00	1				

Set:	W 505			**Set:**	W 601		
Soak Time:	31			**Soak Time:**	21		
Traps Sampled:	10			**Traps Sampled:**	5		
Trap Spacing:	90			**Trap Spacing:**	300		
Chart Reference:	Draney Creek Estuary (Draney Inlet)			**Chart Reference:**	Wannock River Estuary		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/19	2/19		**Date:**	1/21	1/22	
Time:	09:20	16:20		**Time:**	16:28	13:40	
	Start	**Finish**			**Start**	**Finish**	
Depth:	15	25		**Depth:**	48	65	
Latitude:	51 24.22	51 24.44		**Latitude:**	51 41.03	51 40.23	
Longitude:	127 16.70	127 16.89		**Longitude:**	127 16.01	127 16.14	
Catch				**Catch**			
Species		**Weight (kg)**	**N**	**Species**		**Weight (kg)**	**N**
Crab				**Crab**			
Cancer magister (male)			19	*Chionoecetes bairdi* (male)			2
Cancer magister (female)			1	*Cancer magister* (male)			3
				Rockfish			
				Sebastes maliger		2.00	3

Table 7. (Cont'd)

Set: W 602
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 300
Chart Reference: Head of Wannock River Estuary

	Set	Haul
Date	1/21	1/22
Time:	16:52	14:27
	Start	**Finish**
Depth:	100	112
Latitude:	51 40.26	51 40.99
Longitude:	127 16.52	127 16.48

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		7
Chionoecetes bairdi (female)		1
Cancer magister (female)		2

Set: W 603
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 100
Chart Reference: Kilbella Bay (Upper Rivers Inlet)

	Set	Haul
Date	1/22	1/23
Time:	16:02	13:50
	Start	**Finish**
Depth:	90	112
Latitude:	51 41.42	51 41.55
Longitude:	127 21.26	127 20.20

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		6
Cancer magister (female)		1

Set: W 604
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 150
Chart Reference: Kilbella Bay (Upper Rivers Inlet)

	Set	Haul
Date:	1/22	1/23
Time:	16:19	14:30
	Start	**Finish**
Depth:	47	90
Latitude:	51 41.76	51 41.57
Longitude:	127 21.06	127 21.33

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		6
Chionoecetes bairdi (female)		2
Rockfish		
Sebastes maliger	0.25	1
Sebastes caurinus	0.25	1

Set: W 605
Soak Time: 22
Traps Sampled: 4
Trap Spacing: 200
Chart Reference: Inrig Bay (Lower Moses Inlet)

	Set	Haul
Date:	1/23	1/24
Time:	16:49	15:00
	Start	**Finish**
Depth:	70	122
Latitude:	51 46.36	51 46.59
Longitude:	127 26.97	127 26.68

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		3
Cancer magister (female)		1
Crustacean		
Munida quadrispina	0.15	3
Pandalus platyceros	0.25	7

Table 7. (Cont'd)

Set: W 606
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 200
Chart Reference: Inrig Bay (Lower Moses Inlet)

	Set	Haul
Date:	1/23	1/24
Time:	16:56	15:30
	Start	**Finish**
Depth:	46	52
Latitude:	51 46.71	51 46.74
Longitude:	127 26.55	127 27.00

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		3
Crustacean		
Munida quadrispina	0.05	1
Pandalus platyceros	0.10	2

Set: W 607
Soak Time: 39
Traps Sampled: 5
Trap Spacing: 100
Chart Reference: Upper Moses Inlet Estuary

	Set	Haul
Date:	1/24	1/26
Time:	17:45	08:50
	Start	**Finish**
Depth:	36	40
Latitude:	51 51.60	51 51.66
Longitude:	127 21.24	127 21.55

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		2
Cancer magister (male)		8
Cancer magister (female)		1

Set: W 608
Soak Time: 38
Traps Sampled: 5
Trap Spacing: 75
Chart Reference: Upper Moses Inlet Estuary

	Set	Haul
Date:	1/24	1/26
Time:	18:00	08:15
	Start	**Finish**
Depth:	89	102
Latitude:	51 51.37	51 51.47
Longitude:	127 21.76	127 21.58

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		24
Cancer magister (female)		2

Set: W 609
Soak Time: 24
Traps Sampled: 4
Trap Spacing: 90
Chart Reference: East end of Hardy Inlet

	Set	Haul
Date:	2/6	2/7
Time:	10:00	10:30
	Start	**Finish**
Depth:	50	120
Latitude:	51 42.37	51 42.33
Longitude:	127 39.33	127 38.83

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		13
Cancer magister (female)		13
Crustacean		
Pandalus platyceros	0.05	2

Table 7. (Cont'd)

Set: W 610
Soak Time: 19
Traps Sampled: 5
Trap Spacing: 150
Chart Reference: W of Scandinavia Bay (Mid Rivers Inlet) Inlet)

	Set	Haul
Date:	2/7	2/8
Time:	15:30	10:30
	Start	**Finish**
Depth:	120	135
Latitude:	51 37.58	51 37.83
Longitude:	127 28.53	127 28.14

Catch Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	0.20	11

Set: W 611
Soak Time: 20
Traps Sampled: 5
Trap Spacing: 95
Chart Reference: W of Scandinavia Bay (Mid Rivers Inlet)

	Set	Haul
Date:	2/7	2/8
Time:	15:50	11:20
	Start	**Finish**
Depth:	30	43
Latitude:	51 37.68	51 37.78
Longitude:	127 28.24	127 28.01

Catch Species	Weight (kg)	N
Crustacean		
Munida quadrispina	0.02	1
Pandalus platyceros	0.04	2
Echinoderm		
Stylasterias forreri	1.00	5
Mediaster aequalis	0.14	7

Set: W 612
Soak Time: 21
Traps Sampled: 5
Trap Spacing: 95
Chart Reference: Sandell Bay (Mid Rivers Inlet)

	Set	Haul
Date:	2/8	2/9
Time:	12:10	09:00
	Start	**Finish**
Depth:	14	38
Latitude:	51 39.45	51 39.19
Longitude:	127 32.77	127 32.77

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		6
Cancer magister (female)		3
Echinoderm		
Stylasterias forreri	0.20	1
Pycnopodia helianthoides	0.50	1
Florometra serratissima	0.10	4

Set: W 613
Soak Time: 23
Traps Sampled: 5
Trap Spacing: 95
Chart Reference: N of Edna Mathews Is

	Set	Haul
Date:	2/8	2/9
Time:	12:30	11:15
	Start	**Finish**
Depth:	115	135
Latitude:	51 37.11	51 36.70
Longitude:	127 33.22	127 33.30

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		9
Cancer magister (female)		2
Crustacean		
Pandalus platyceros	0.04	2
Roundfish		
Theragra chalcogramma	0.20	1

Table 7. (Cont'd)

Set: W 614
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 400
Chart Reference: Darby Channel North

	Set	Haul
Date:	2/9	2/10
Time:	12:10	09:40
	Start	**Finish**
Depth:	55	80
Latitude:	51 35.71	51 34.40
Longitude:	127 34.21	127 35.19

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		9
Cancer magister (male)		16
Cancer magister (female)		17
Crustacean		
Pandalus platyceros	0.08	4

Set: W 615
Soak Time: 28
Traps Sampled: 5
Trap Spacing: 90
Chart Reference: Mouth of Hemasila Bay

	Set	Haul
Date:	2/9	2/10
Time:	13:00	17:35
	Start	**Finish**
Depth:	38	70
Latitude:	51 31.23	51 30.91
Longitude:	127 35.33	127 35.23

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		6
Chionoecetes bairdi (female)		1
Echinoderm		
Stylasterias forreri	0.10	1
Roundfish		
Rhacochilus vacca	0.60	6

Set: W 616
Soak Time: 22
Traps Sampled: 5
Trap Spacing: 80
Chart Reference: Mouth of Johnston Bay

	Set	Haul
Date:	2/10	2/11
Time:	12:30	10:20
	Start	**Finish**
Depth:	65	90
Latitude:	51 30.39	51 30.48
Longitude:	127 31.97	127 32.70

Catch Species	Weight (kg)	N
Echinoderm		
Stylasterias forreri	0.25	2

Set: W 617
Soak Time: 26
Traps Sampled: 5
Trap Spacing: 70
Chart Reference: Darby Channel South

	Set	Haul
Date:	2/11	2/12
Time:	08:15	09:45
	Start	**Finish**
Depth:	50	80
Latitude:	51 33.54	51 31.60
Longitude:	127 36.35	127 38.42

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)		6
Cancer magister (male)		19
Cancer magister (female)		16
Crustacean		
Pandalus platyceros	0.16	8
Echinoderm		
Stylasterias forreri	0.10	1
Ctenodiscus crispatus	0.10	1

Table 7. (Cont'd)

Set:	W 618			**Set:**	W 619		
Soak Time:	33			**Soak Time:**	74		
Traps Sampled:	5			**Traps Sampled:**	5		
Trap Spacing:				**Trap Spacing:**	80		
Chart Reference:	Illahie Inlet			**Chart Reference:**	Safety Cove (Lower Fitz Hugh)		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/13	2/14		**Date:**	2/15	2/18	
Time:	08:30	17:25		**Time:**	08:05	10:10	
	Start	**Finish**			**Start**	**Finish**	
Depth:	23	55		**Depth:**	18	45	
Latitude:	51 39.44	51 38.07		**Latitude:**	51 31.81	51 31.80	**Longitude:**
127 49.66	127 49.46	**Longitude:**		127 55.86	127 54.90		

Catch			**Catch**		
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**	**N**
Echinoderm			**Mollusc**		
Pycnopodia helianthoides	1.50	1	*Chlamys hastata*	0.02	1
			Echinoderm		
			Pycnopodia helianthoides	2.00	3

Set:	W 620			**Set:**	W 621		
Soak Time:	18			**Soak Time:**	14		
Traps Sampled:	3			**Traps Sampled:**	4		
Trap Spacing:	250			**Trap Spacing:**			
Chart Reference:	East portion of Draney Inlet			**Chart Reference:**	South portion of Robert Arm		
	Set	**Haul**			**Set**	**Haul**	
Date:	2/18	2/19		**Date:**	2/18	2/19	
Time:	19:40	13:30		**Time:**	21:00	11:09	
	Start	**Finish**			**Start**	**Finish**	
Depth:	72	80		**Depth:**	22	95	
Latitude:	51 27.25	51 26.58		**Latitude:**	51 24.19	51 24.45	
Longitude:	127 31.99	127 28.80		**Longitude:**	127 32.09	127 29.93	

Catch			**Catch**		
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**	**N**
Crustacean			**Crab**		
Pandalus platyceros	0.04	2	*Chionoecetes bairdi* (male)		3
Roundfish			*Cancer magister* (male)		3
Hemilepidotus hemilepidotus	0.30	1	*Cancer magister* (female)		2
			Mollusc		
			Gastropoda	0.05	1

Table 7. (Cont'd)

Set:	W 622	
Soak Time:	214	
Traps Sampled:	4	
Trap Spacing:	90	
Chart Reference:	East end of Hardy Inlet	
	Set	**Haul**
Date:	1/28	2/6
Time:	11:30	10:00
	Start	**Finish**
Depth:	60	123
Latitude:	51 42.38	51 42.33
Longitude:	127 39.33	127 38.87

Catch		
Species	**Weight (kg)**	**N**
	0.0	0

Table 8. Catch by set location and species, Tanner crab trap survey, CCGS Neocaligus, March 10-16, 2004.

Set:	N 1		**Set:**	N 2	
Soak Time:	31		**Soak Time:**	31	
Traps Sampled:	12		**Traps Sampled:**	12	
Chart Reference:	Darby Channel South		**Chart Reference:**	Dawsons Landing	
	Set	**Haul**		**Set**	**Haul**
Date	3/10	3/11	**Date**	3/10	3/11
Time:	08:05	14:45	**Time:**	08:30	15:30
Depth:	67	72	**Depth:**	80	85
Latitude:	51 31.53	51 31.71	**Latitude:**	51 33.90	51 34.28
Longitude:	127 38.36	127 38.11	**Longitude:**	127 35.42	127 35.21

Catch			**Catch**		
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**	**N**
Crab			**Crab**		
Chionoecetes bairdi (male)	8.11	21	*Chionoecetes bairdi* (male)	4.84	9
Cancer magister (male)		11	*Cancer magister* (male)		73
Cancer magister(female)		4	*Cancer magister* (female)		42
Crustacean			**Crustacean**		
Munida quadrispina	0.03		*Pandalus platyceros*	0.97	
Pandalus hypsinotus	0.07		*Munida quadrispina*	0.06	
Pandalus platyceros	4.10				
Roundfish					
Nautichthys oculofasciatus	0.01				

Set:	N 3		**Set:**	N 4	
Soak Time:	31		**Soak Time:**	57	
Traps Sampled:	11		**Traps Sampled:**	4	
Chart Reference:	Darby Channel North		**Chart Reference:**	E of Bickle Passage Mid Channel	
	Set	**Haul**		**Set**	**Haul**
Date	3/10	3/11	**Date**	3/10	3/12
Time:	08:50	16:10	**Time:**	09:05	17:55
Depth:	60	70	**Depth:**	330	330
Latitude:	51 35.64	51 35.37	**Latitude:**	51 34.51	
Longitude:	127 34.04	127 34.18	**Longitude:**	127 32.83	

Catch			**Catch**		
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**	**N**
Crab			**Rockfish**		
Chionoecetes bairdi (male)	9.00	19	*Sebastes crameri*	1.04	1
Cancer magister (male)		42			
Cancer magister (female)		21			
Crustacean					
Pandalus hypsinotus	0.04				
Pandalus platyceros	0.77				
Munida quadrispina	0.17				

Table 8. (Cont'd)

Set: N 5
Soak Time: 56
Traps Sampled: 4
Chart Reference: Off the Haystack (Mid Rivers Inlet)

	Set	Haul
Date	3/10	3/12
Time:	09:25	17:35
Depth:	320	320
Latitude:	51 32.36	
Longitude:	127 32.42	

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	0.11	1

Set: N 6
Soak Time: 22
Traps Sampled: 13
Chart Reference: Draney Inlet Junction

	Set	Haul
Date	3/11	3/12
Time:	17:40	16:10
Depth:	110	118
Latitude:	51 26.56	51 26.57
Longitude:	127 27.81	127 27.35

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	4.01	16
Chionoecetes bairdi (female)	0.27	2
Crustacean		
Pandalus platyceros	1.09	
Munida quadrispina	0.14	
Pandalus hypsinotus	0.22	
Pandalus borealis	0.03	
Rockfish		
Sebastes maliger	0.63	1

Set: N 7
Soak Time: 20
Traps Sampled: 12
Chart Reference: Allard Bay Deep

	Set	Haul
Date	3/11	3/12
Time:	18:10	14:10
Depth:	120	123
Latitude:	51 26.22	51 26.11
Longitude:	127 19.74	127 19.18

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	19.54	49
Chionoecetes bairdi (female)	0.58	4
Cancer magister (male)		5
Cancer magister (female)		8
Crustacean		
Pandalus platyceros	0.85	
Pandalus jordani	0.01	
Munida quadrispina	0.02	
Echinoderm		
Luidia foliolata	0.29	

Set: N 8
Soak Time: 21
Traps Sampled: 13
Chart Reference: Allard Bay Shallow

	Set	Haul
Date	3/11	3/12
Time:	18:15	15:15
Depth:	80	86
Latitude:	51 26.31	51 26.16
Longitude:	127 19.17	127 18.90

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	3.66	11
Cancer magister (male)		41
Cancer magister (female)		4
Crustacean		
Pandalus platyceros	3.42	
Pandalus hypsinotus	0.47	

Table 8. (Cont'd)

Set: N 9
Soak Time: 4
Traps Sampled: 8
Chart Reference: Lower Moses Inlet

	Set	Haul
Date	3/13	3/13
Time:	09:00	12:30
Depth:	68	70
Latitude:	51 43.93	51 44.17
Longitude:	127 27.54	127 27.60

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (female)	trace	1
Cancer magister (female)		1
Crustacean		
Munida quadrispina	0.23	
Pandalus platyceros	0.55	
Echinoderm		
Stylasterias forreri	0.28	

Set: N 10
Soak Time: 31
Traps Sampled: 12
Chart Reference: Inrig bay Mid Channel

	Set	Haul
Date	3/13	3/14
Time:	09:15	15:55
Depth:	172	174
Latitude:	51 45.76	51 45.96
Longitude:	127 26.85	127 26.73

Catch Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	0.75	4
Crustacean		
Pandalus platyceros	1.16	
Munida quadrispina	1.88	
Mollusc		
Gastropoda	0.02	
Echinoderm		
Pseuarchaster alascensis	0.03	
Roundfish		
Malacocottus zonurus	0.05	

Set: N 11
Soak Time: 30
Traps Sampled: 10
Chart Reference: Inrig Bay Head

	Set	Haul
Date	3/13	3/14
Time:	09:30	15:30
Depth:	115	120
Latitude:	51 46.47	51 46.60
Longitude:	127 26.56	127 26.82

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		33
Cancer magister (female)		17
Crustacean		
Pandalus platyceros	0.26	
Munida quadrispina	0.07	

Set: N 12
Soak Time: 4
Traps Sampled: 8
Chart Reference: Inrig Bay Shallow

	Set	Haul
Date	3/13	3/13
Time:	09:40	13:15
Depth:	50	60
Latitude:	51 46.69	51 46.73
Longitude:	127 26.98	127 26.71

Catch Species	Weight (kg)	N
Crab		
Cancer magister (male)		42
Cancer magister (female)		16

Table 8. (Cont'd)

Set: N 13
Soak Time: 24
Traps Sampled: 12
Chart Reference: Eberts Cove

	Set	Haul
Date	3/13	3/14
Time:	14:00	13:55
Depth:	127	143
Latitude:	51 49.56	51 49.79
Longitude:	127 21.72	127 21.55

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	0.82	4
Cancer magister (male)		2
Cancer magister (female)		2
Crustacean		
Pandalus platyceros	1.30	
Munida quadrispina	0.02	

Set: N 14
Soak Time: 24
Traps Sampled: 13
Chart Reference: Top End Upper Moses Inlet

	Set	Haul
Date	3/13	3/14
Time:	14:10	14:25
Depth:	157	160
Latitude:	51 50.49	51 50.72
Longitude:	127 21.61	127 21.59

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	5.35	22
Chionoecetes bairdi (female)	0.77	5
Crustacean		
Pandalus borealis	0.02	
Pandalus platyceros	0.66	

Set: N 15
Soak Time: 21
Traps Sampled: 11
Chart Reference: Kilbella Bay

	Set	Haul
Date	3/14	3/15
Time:	17:10	14:00
Depth:	120	120
Latitude:	51 41.52	51 41.43
Longitude:	127 20.98	127 20.58

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	5.10	20
Crustacean		
Pandalus platyceros	1.01	
Flatfish		
Hippoglossoides elassodon	0.06	

Set: N 16
Soak Time: 20
Traps Sampled: 12
Chart Reference: Shotbolt Bay

	Set	Haul
Date	3/14	3/15
Time:	17:30	13:25
Depth:	142	165
Latitude:	51 39.37	51 39.34
Longitude:	127 21.40	127 21.07

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	2.37	10
Crustacean		
Munida quadrispina	1.55	
Pandalus platyceros	1.28	
Rockfish		
Sebastes maliger	0.61	
Roundfish		
Malacocottus zonurus	0.12	

Table 8. (Cont'd)

Set: N 17
Soak Time: 21
Traps Sampled: 12
Chart Reference: W of McTavish Creek

	Set	Haul
Date	3/14	3/15
Time:	17:40	14:30
Depth:	110	120
Latitude:	51 40.13	51 40.13
Longitude:	127 18.96	127 18.67

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	5.58	20
Chionoecetes bairdi (female)	0.12	1
Crustacean		
Munida quadrispina	0.03	
Pandalus platyceros	2.87	

Set: N 18
Soak Time: 21
Traps Sampled: 10
Chart Reference: Across Wannock River Estuary

	Set	Haul
Date	3/14	3/15
Time:	17:55	15:10
Depth:	100	112
Latitude:	51 40.45	51 40.63
Longitude:	127 16.38	127 16.31

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	6.34	25
Cancer magister (male)		1
Cancer magister (female)		2
Crustacean		
Pandalus platyceros	3.55	
Pandalus hypsinotus	0.12	
Munida quadrispina	0.04	
Mollusc		
Gastropoda	0.11	

Set: N 19
Soak Time: 19
Traps Sampled: 10
Chart Reference: N of Edna Mathews Island

	Set	Haul
Date	3/15	3/16
Time:	16:45	11:30
Depth:	124	142
Latitude:	51 37.08	51 36.88
Longitude:	127 33.18	127 33.19

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	4.42	15
Cancer magister (female)		5
Crustacean		
Munida quadrispina	0.78	
Pandalus platyceros	0.26	
Mollusc		
Enteroctopus dofleini	16.40	1
Roundfish		
Theragra chalcogramma	0.27	

Set: N 20
Soak Time: 18
Traps Sampled: 11
Chart Reference: E Shore of Edna Mathews Island

	Set	Haul
Date	3/15	3/16
Time:	17:00	11:00
Depth:	148	178
Latitude:	51 35.06	51 34.85
Longitude:	127 33.53	127 33.64

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	0.74	3
Crustacean		
Pandalus platyceros	0.65	
Munida quadrispina	1.17	
Echinoderm		
Holothuroidea	0.23	

Table 8. (Cont'd)

Set: N 21
Soak Time: 17
Traps Sampled: 12
Chart Reference: Darby Channel North

	Set	Haul
Date	3/15	3/16
Time:	17:15	10:00
Depth:	62	78
Latitude:	51 35.64	51 35.37
Longitude:	127 34.04	127 34.18

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	23.11	49
Crustacean		
Munida quadrispina	0.22	
Pandalus danae	0.01	
Pandalus hypsinotus	0.06	
Pandalus platyceros	1.27	
Roundfish		
Myoxocephalus polyacanthocephalus	1.07	

Set: N 22
Soak Time: 15
Traps Sampled: 10
Chart Reference: Darby Channel South

	Set	Haul
Date	3/15	3/16
Time:	17:50	09:15
Depth:	58	78
Latitude:	51 31.71	51 31.53
Longitude:	127 38.11	127 38.36

Catch

Species	Weight (kg)	N
Crustacean		
Pandalus platyceros	4.31	
Pandalus hypsinotus	0.09	
Pandalus montagui tridens	0.01	
Munida quadrispina	0.07	
Chorilia longipes	0.05	
Echinoderm		
Brisaster latifrons	0.06	
Ctenodiscus crispatus	0.05	
Stylasterias forreri	0.42	

Table 9. Catch by set location and species, Tanner crab trawl survey, CCGS Neocaligus, March 10-16, 2004.

Set:	N 101	**Date:**	3/10	**Set:**	N 102	**Date:**	3/10
Tow Speed:	2.3	**Tow Direction:**	190	**Tow Speed:**	2.4	**Tow Direction:**	202
Duration:	8	**Tow Distance:**	0.3	**Duration:**	15	**Tow Distance:**	0.6
Chart Reference:	E of Ethel Island			**Chart Reference:**	SE of Florence Island		
	Start	**Finish**			**Start**	**Finish**	
Time:	09:55	10:03		**Time:**	11:19	11:34	
Depth:	162	173		**Depth:**	200	210	
Latitude:	51 32.96	51 32.75		**Latitude:**	51 31.31	51 30.79	
Longitude:	127 31.35	127 31.41		**Longitude:**	127 31.82	127 32.14	
Catch				**Catch**			
Species	**Weight (kg)**	**N**		**Species**	**Weight (kg)**	**N**	
Crab				**Crustacean**			
Chionoecetes bairdi (male)	trace	1		*Pandalopsis dispar*	1.46		
Chionoecetes bairdi (female)	trace	1		*Eualus spp*	trace		
Crustacean				*Crangon communis*	trace		
Pandalopsis dispar	3.61			*Pandalus borealis*	trace		
Pandalus borealis	0.63			*Pasiphaea pacifica*	trace		
Paguridae	trace			**Mollusc**			
Crangon communis	trace			*Berryteuthis magister*	trace		
Eualus spp	trace			**Echinoderm**			
Mollusc				*Brisaster latifrons*	1.39		
Rossia pacifica	trace			*Allocentrotus fragilis*	0.20		
Echinoderm				*Ctenodiscus crispatus*	trace		
Brisaster latifrons	4.65			*Molpadia intermedia*	trace		
Molpadia intermedia	3.55			**Rockfish**			
Phrynophiurida	trace			*Sebastes aleutianus*	trace		
Ctenodiscus crispatus	trace			**Flatfish**			
Flatfish				*Atheresthes stomias*	2.00		
Lyopsetta exilis	0.97			*Lyopsetta exilis*	0.85		
Atheresthes stomias	0.82			*Glyptocephalus zachirus*	0.07		
Hippoglossoides elassodon	0.36			**Selachii**			
Selachii				*Hydrolagus colliei*	27.10		
Hydrolagus colliei	0.40			*Raja rhina*	0.32		
Roundfish				**Roundfish**			
Theragra chalcogramma	9.68			*Merluccius productus*	43.00		
Anoplopoma fimbria	0.66			*Anoplopoma fimbria*	0.98		
Lycodes brevipes	trace			*Bathyagonus nigripinnis*	trace		
Bathyagonus nigripinnis	trace			*Lycodes diapterus*	trace		
Dasycottus setiger	trace			*Leuroglossus schmidti*	trace		
Other Inverts.				**Other Inverts.**			
Sipuncuida	0.30			*Porifera*	0.15		
Isopoda	trace			*Isopoda*	trace		
				Sipuncuida	trace		

Table 9. (Cont'd)

Set:	N 103	**Date:**	3/10	**Set:**	N 104	**Date:**	3/10
Tow Speed:	2.3	**Tow Direction:**	001	**Tow Speed:**	2.2	**Tow Direction:**	005
Duration:	15	**Tow Distance:**	0.5	**Duration:**	15	**Tow Distance:**	0.5
Chart Reference:	The Haystack			**Chart Reference:**	E of Edna Mathews Island		
	Start		**Finish**		**Start**		**Finish**
Time:	13:33		13:48	**Time:**	14:53		15:08
Depth:	334		337	**Depth:**	325		328
Latitude:	51 32.36		51 32.90	**Latitude:**	51 35.61		51 36.16
Longitude:	127 33.02		127 33.17	**Longitude:**	127 32.19		127 32.12

Catch			**Catch**		
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**	**N**
Crustacean			**Crab**		
Pandalopsis dispar	1.25		*Chionoecetes bairdi*	0.22	1
Chorilia longipes	trace		**Crustacean**		
Eualus spp	trace		*Eualus spp*	3.23	
Pasiphaea pacifica	trace		*Pandalus platyceros*	1.74	
Mollusc			*Pandalopsis dispar*	0.96	
Berryteuthis magister	0.55		*Crangon communis*	0.08	
Bivalvia	trace		**Mollusc**		
Echinoderm			*Berryteuthis magister*	1.80	
Brisaster latifrons	0.20		**Echinoderm**		
Gephyreaster swifti	0.10		*Brisaster latifrons*	0.50	
Pseudarchaster alascensis	0.07		*Pseudarchaster alascensis*	0.08	
Molpadia intermedia	trace		*Ctenodiscus crispatus*	0.07	
Flatfish			**Flatfish**		
Microstomus pacificus	1.51		*Microstomus pacificus*	1.65	
Glyptocephalus zachirus	0.25		*Lyopsetta exilis*	0.34	
Lyopsetta exilis	0.20		*Glyptocephalus zachirus*	0.12	
Selachii			**Selachii**		
Hydrolagus colliei	52.08		*Hydrolagus colliei*	26.80	
Roundfish			*Raja rhina*	5.50	
Merluccius productus	12.70		**Roundfish**		
Theragra chalcogramma	8.50		*Merluccius productus*	19.38	
Anoplopoma fimbria	0.97		*Theragra chalcogramma*	8.71	
Lycodes diapterus	0.17		*Lycodes diapterus*	4.77	
Lycodapus mandibularis	trace		*Bothrocara pusillum*	0.11	
Bothrocara pusillum	trace		*Lampetra tridentata*	trace	
Leuroglossus schmidti	trace		*Hemilepidotus hemilepidotus*	trace	
Other Inverts.			*Liparis cus nanus*	trace	
Actiniaria	trace		**Other Inverts.**		
			Actiniaria	0.33	

Table 9. (Cont'd)

Set:	N 105	**Date:**	3/10
Tow Speed:	2.3	**Tow Direction:**	175
Duration:	4	**Tow Distance:**	0.20
Chart Reference:	N of Edna Mathews Island		

	Start	Finish
Time:	16:33	16:37
Depth:	135	136
Latitude:	51 36.91	51 36.87
Longitude:	127 33.19	127 33.18

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (female)	0.38	3
Crustacean		
Pandalopsis dispar	0.09	
Munida quadrispina	0.05	
Crangon communis	0.02	
Eualus spp	trace	
Echinoderm		
Pseudarchaster alascensis	trace	
Rockfish		
Sebastes zacentrus	0.02	
Flatfish		
Lyopsetta exilis	0.25	
Selachii		
Raja rhina	1.33	
Hydrolagus colliei	0.70	
Roundfish		
Gadus macrocephalus	3.03	
Theragra chalcogramma	0.53	
Merluccius productus	0.04	
Lycodapus mandibularis	trace	

Set:	N 106	**Date:**	3/10
Tow Speed:	2.8	**Tow Direction:**	177
Duration:	11	**Tow Distance:**	0.50
Chart Reference:	N of Edna Mathews Island		

	Start	Finish
Time:	17:05	17:16
Depth:	134	135
Latitude:	51 36.96	51 36.51
Longitude:	127 33.20	127 33.18

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	0.70	2
Crustacean		
Pandalopsis dispar	8.70	
Munida quadrispina	0.92	
Pandalus platyceros	0.22	
Chorilia longipes	trace	
Paguridae	trace	
Eualus spp	trace	
Pandalus borealis	trace	
Crangon communis	trace	
Echinoderm		
Luidia foliolata	0.80	
Allocentrotus fragilis	0.20	
Brisaster latifrons	trace	
Rockfish		
Sebastes zacentrus	0.01	
Flatfish		
Lyopsetta exilis	1.96	
Parophrys vetulus	0.43	
Glyptocephalus zachirus	0.18	
Selachii		
Hydrolagus colliei	0.72	
Raja rhina	0.01	
Roundfish		
Theragra chalcogramma	21.95	
Merluccius productus	0.60	
Anoplopoma fimbria	0.27	
Other Inverts.		
Brachiopoda	trace	

Table 9. (Cont'd)

Set:	N 107	**Date:**	3/11
Tow Speed:	2.3	**Tow Direction:**	240
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	McAllister Pt.		

	Start	Finish
Time:	08:03	08:18
Depth:	289	293
Latitude:	51 39.21	51 38.94
Longitude:	127 25.14	127 25.84

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	3.02
Eualus spp	0.51
Pandalus borealis	trace
Pasiphaea pacifica	trace
Mollusc	
Benthoctopus leioderma	2.07
Berryteuthis magister	0.26
Echinoderm	
Brisaster latifrons	6.41
Ctenodiscus crispatus	0.71
Molpadia intermedia	0.17
Holothuroidea	0.04
Pseudarchaster alascensis	0.03
Phrynophiurida	trace
Flatfish	
Lyopsetta exilis	4.19
Microstomus pacificus	0.23
Glyptocephalus zachirus	0.11
Selachii	
Hydrolagus colliei	17.19
Squalus acanthias	8.77
Raja rhina	0.65
Roundfish	
Merluccius productus	5.02
Thaleichthys pacificus	0.37
Malacocottus zonurus	0.08
Leuroglossus schmidti	0.04
Bothrocara pusillum	0.02
Nectoliparis pelagicus	trace
Other Inverts.	
Isopoda	trace

Set:	N 108	**Date:**	3/11
Tow Speed:	2.6	**Tow Direction:**	276
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Mouth of Hardy Inlet		

	Start	Finish
Time:	09:48	10:03
Depth:	225	236
Latitude:	51 41.43	51 41.53
Longitude:	127 28.33	127 29.39

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	0.36	1
Chionoecetes bairdi (female)	0.27	2
Crustacean		
Pandalopsis dispar	2.43	
Eualus spp	0.24	
Chorilia longipes	trace	
Pasiphaea pacifica	trace	
Pandalus borealis	trace	
Crangon communis	trace	
Mollusc		
Berryteuthis magister	1.44	
Echinoderm		
Molpadia intermedia	trace	
Flatfish		
Lyopsetta exilis	1.02	
Microstomus pacificus	0.03	
Selachii		
Hydrolagus colliei	25.52	
Squalus acanthias	1.65	
Raja rhina	1.50	
Roundfish		
Merluccius productus	15.24	
Theragra chalcogramma	2.05	
Leuroglossus schmidti	trace	
Malacocottus zonurus	trace	
Lycodes diapterus	trace	
Other Inverts.		
Sipuncuida	trace	
Isopoda	trace	

Table 9. (Cont'd)

Set:	N 109	**Date:**	3/11
Tow Speed:	2.6	**Tow Direction:**	192
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	S of Ralph Pt.		

	Start	Finish
Time:	10:55	11:10
Depth:	239	242
Latitude:	51 40.77	51 40.18
Longitude:	127 27.30	127 27.63

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	1.81
Chorilia longipes	trace
Paguridae	trace
Eualus spp	trace
Pandalus platyceros	trace
Mollusc	
Fusitriton oregonensis	trace
Berryteuthis magister	trace
Echinoderm	
Brisaster latifrons	1.94
Molpadia intermedia	trace
Rockfish	
Sebastes aleutianus	trace
Flatfish	
Lyopsetta exilis	0.88
Selachii	
Hydrolagus colliei	5.48
Squalus acanthias	1.93
Roundfish	
Merluccius productus	4.20
Agonidae	0.15
Thaleichthys pacificus	0.10
Bathyagonus nigripinnis	trace
Leuroglossus schmidti	trace
Malacocottus zonurus	trace
Other Inverts.	
Actiniaria	1.30
Sipuncuida	trace

Set:	N 110	**Date:**	3/11
Tow Speed:	2.4	**Tow Direction:**	066
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Off Wannock Cove		

	Start	Finish
Time:	13:13	13:28
Depth:	316	317
Latitude:	51 38.15	51 38.33
Longitude:	127 31.42	127 30.52

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	1.77
Eualus spp	0.20
Crangon communis	trace
Pasiphaea pacifica	trace
Echinoderm	
Molpadia intermedia	trace
Flatfish	
Lyopsetta exilis	1.77
Microstomus pacificus	0.46
Glyptocephalus zachirus	0.15
Selachii	
Hydrolagus colliei	0.79
Raja rhina	0.22
Roundfish	
Theragra chalcogramma	5.29
Merluccius productus	3.58
Leuroglossus schmidti	0.13
Dasycottus setiger	0.11
Lumpenella longirostris	0.09
Lycodapus mandibularis	trace

Table 9. (Cont'd)

Set:	N 111	**Date:**	3/12
Tow Speed:	2.6	**Tow Direction:**	206
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Robert Arm		

	Start	Finish
Time:	08:22	08:37
Depth:	120	122
Latitude:	51 24.96	51 24.49
Longitude:	127 28.49	127 28.96

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (female)	0.18	1
Cancer magister (male)		3
Cancer magister (female)		1
Crustacean		
Munida quadrispina	1.67	
Cancer magister	1.49	
Pandalus platyceros	1.29	
Pandalopsis dispar	1.07	
Pandalus hypsinotus	0.26	
Pandalus jordani	0.19	
Eualus spp	trace	
Crangon communis	trace	
Pasiphaea pacifica	trace	
Mollusc		
Thyasiridae	trace	
Echinoderm		
Holothuroidea	1.27	
Rockfish		
Sebastes zacentrus	0.70	
Flatfish		
Parophrys vetulus	2.94	
Glyptocephalus zachirus	0.78	
Microstomus pacificus	0.35	
Atheresthes stomias	0.25	
Selachii		
Hydrolagus colliei	4.61	
Roundfish		
Merluccius productus	3.65	
Anoplopoma fimbria	1.96	
Agonidae	0.80	
Lycodes pacificus	0.41	
Cymatogaster aggregata	trace	
Gasterosteus aculeatus	trace	
Bathyagonus nigripinnis	trace	
Icelinus burchami	trace	
Other Inverts.		
Actiniaria	0.07	

Set:	N 112	**Date:**	3/12
Tow Speed:	2.7	**Tow Direction:**	006
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Robert Arm Junction W		

	Start	Finish
Time:	09:40	09:55
Depth:	119	123
Latitude:	51 25.82	51 26.41
Longitude:	127 27.50	127 27.36

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	1.06
Pandalus platyceros	0.97
Munida quadrispina	0.82
Pandalus hypsinotus	0.60
Pandalus borealis	0.50
Crangon communis	0.28
Pandalus jordani	0.10
Pasiphaea pacifica	0.03
Eualus spp	0.02
Mollusc	
Benthoctopus leioderma	1.61
Rossia pacifica	trace
Pectinidae	trace
Rockfish	
Sebastes aleutianus	0.22
Sebastes zacentrus	0.16
Flatfish	
Lyopsetta exilis	1.33
Microstomus pacificus	0.17
Glyptocephalus zachirus	0.03
Selachii	
Hydrolagus colliei	1.35
Roundfish	
Merluccius productus	3.60
Lycodes pacificus	0.97
Theragra chalcogramma	0.28
Dasycottus setiger	0.08
Bathyagonus nigripinnis	0.02
Other Inverts.	
Porifera	0.26
Brachiopoda	trace

Table 9. (Cont'd)

Set:	N 113	**Date:**	3/12	**Set:**	N 114	**Date:**	3/12
Tow Speed:	2.4	**Tow Direction:**	271	**Tow Speed:**	2.8	**Tow Direction:**	277
Duration:	15	**Tow Distance:**	0.6	**Duration:**	15	**Tow Distance:**	0.6
Chart Reference:	Robert Arm East			**Chart Reference:**	Allard Bay		
	Start	**Finish**			**Start**	**Finish**	
Time:	10:35	10:50		**Time:**	12:54	13:09	
Depth:	133	151		**Depth:**	137	140	
Latitude:	51 26.44	51 26.42		**Latitude:**	51 26.08	51 26.27	
Longitude:	127 24.32	127 25.28		**Longitude:**	127 19.93	127 21.00	

Catch

Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	trace	2
Chionoecetes bairdi (female)	0.22	7
Crustacean		
Pandalopsis dispar	4.21	
Pandalus borealis	1.00	
Pandalus platyceros	0.20	
Crangon communis	0.03	
Chorilia longipes	trace	
Pasiphaea pacifica	trace	
Munida quadrispina	trace	
Mollusc		
Berryteuthis magister	0.10	
Rossia pacifica	0.04	
Echinoderm		
Luidia foliolata	0.66	
Molpadia intermedia	trace	
Parastichopus californicus	trace	
Ctenodiscus crispatus	trace	
Flatfish		
Lyopsetta exilis	2.89	
Parophrys vetulus	2.04	
Microstomus pacificus	0.11	
Selachii		
Hydrolagus colliei	3.70	
Squalus acanthias	1.98	
Raja rhina	0.10	
Roundfish		
Merluccius productus	5.23	
Theragra chalcogramma	4.18	
Gadus macrocephalus	2.30	
Dasycottus setiger	0.55	
Cryptacanthodes aleutensis	trace	
Microgadus proximus	trace	
Lycodes pacificus	trace	
Other Inverts.		
Actiniaria	0.48	
Brachiopoda	trace	
Sipuncuida	trace	

Catch

Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	0.16	1
Chionoecetes bairdi (female)	0.14	1
Cancer magister (male)		1
Cancer magister (female)		1
Crustacean		
Pandalopsis dispar	4.01	
Pandalus borealis	3.96	
Crangon communis	0.39	
Pandalus platyceros	0.30	
Pasiphaea pacifica	0.04	
Eualus spp	0.04	
Mollusc		
Berryteuthis magister	0.03	
Flatfish		
Lyopsetta exilis	16.27	
Parophrys vetulus	7.41	
Glyptocephalus zachirus	0.08	
Selachii		
Squalus acanthias	1.03	
Hydrolagus colliei	1.02	
Roundfish		
Theragra chalcogramma	31.40	
Merluccius productus	6.73	
Lumpenella longirostris	1.64	
Lycodes pacificus	0.23	
Dasycottus setiger	0.23	
Bathyagonus nigripinnis	0.11	
Malacocottus zonurus	0.05	
Icelinus burchami	trace	
Other Inverts.		
Actiniaria	0.20	
Isopoda	trace	

Table 9. (Cont'd)

Set: N 115 **Date:** 3/13
Tow Speed: 2.7 **Tow Direction:** 194
Duration: 15 **Tow Distance:** 0.5
Chart Reference: Inrig Bay

	Start	Finish
Time:	09:51	10:06
Depth:	185	193
Latitude:	51 45.69	51 45.21
Longitude:	127 27.09	127 27.32

Catch

Species	Weight (kg)	N
Crab		
Chionoecetes bairdi (male)	0.06	1
Crustacean		
Pandalopsis dispar	2.02	
Munida quadrispina	0.26	
Pandalus borealis	0.25	
Pandalus platyceros	0.18	
Chionoecetes bairdi	0.02	
Eualus spp	trace	
Crangon communis	trace	
Mollusc		
Gastropoda	trace	
Echinoderm		
Brisaster latifrons	0.09	
Molpadia intermedia	0.08	
Gephyreaster swifti	trace	
Rockfish		
Sebastes aleutianus	0.03	
Flatfish		
Lyopsetta exilis	1.22	
Platichthys stellatus	0.81	
Parophrys vetulus	0.26	
Microstomus pacificus	0.06	
Selachii		
Hydrolagus colliei	34.27	
Squalus acanthias	0.36	
Roundfish		
Merluccius productus	69.23	
Theragra chalcogramma	19.60	
Onchorhynchus tshawytscha	0.94	
Malacocottus zonurus	0.27	
Lycodes diapterus	0.19	
Dasycottus setiger	0.06	
Icelinus burchami	trace	
Bathyagonus nigripinnis	trace	

Set: N 116 **Date:** 3/13
Tow Speed: 2.8 **Tow Direction:** 173
Duration: 15 **Tow Distance:** 0.6
Chart Reference: Lower Moses Inlet Mid

	Start	Finish
Time:	11:25	11:40
Depth:	206	215
Latitude:	51 43.72	51 43.05
Longitude:	127 27.22	127 27.09

Catch

Species	Weight (kg)
Crustacean	
Pandalopsis dispar	0.29
Pasiphaea pacifica	0.17
Eualus spp	trace
Crangon communis	trace
Flatfish	
Lyopsetta exilis	0.18
Selachii	
Squalus acanthias	2.70
Hydrolagus colliei	1.33
Roundfish	
Merluccius productus	4.73
Theragra chalcogramma	0.18
Lycodes diapterus	0.05

Table 9. (Cont'd)

Set:	N 117	**Date:**	3/13	**Set:**	N 118	**Date**	3/13
Tow Speed:	2.7	**Tow Direction:**	183	**Tow Speed:**	2.7	**Tow Direction:**	200
Duration:	8	**Tow Distance:**	0.4	**Duration:**	15	**Tow Distance:**	0.6
Chart Reference:	Top end Upper Moses Inlet			**Chart Reference:**	W of Eberts Cove		
	Start	**Finish**			**Start**	**Finish**	
Time:	14:50	14:58		**Time:**	15:36	15:51	
Depth:	163	163		**Depth:**	182	187	
Latitude:	51 50.34	51 50.04		**Latitude:**	51 49.45	51 48.87	
Longitude:	127 21.84	127 21.87		**Longitude:**	127 22.29	127 22.61	

Catch			**Catch**		
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**	**N**
Crab			**Crab**		
Chionoecetes bairdi (female)	0.11	1	*Chionoecetes bairdi* (male)	0.29	2
Crustacean			**Crustacean**		
Pandalopsis dispar	0.40		*Pandalopsis dispar*	1.40	
Pandalus borealis	0.31		*Pandalus platyceros*	0.27	
Pandalus platyceros	0.08		*Crangon communis*	0.07	
Crangon communis	0.05		*Eualus spp*	0.05	
Eualus spp	0.04		*Chorilia longipes*	0.02	
Pasiphaea pacifica	0.04		*Pandalus borealis*	trace	
Munida quadrispina	0.02		*Pasiphaea pacifica*	trace	
Pandalus montagui tridens	trace		*Pandalus montagui tridens*	trace	
Mollusc			**Mollusc**		
Berryteuthis magister	0.07		*Berryteuthis magister*	0.25	
Echinoderm			*Gastropoda*	trace	
Parastichopus californicus	0.46		**Echinoderm**		
Brisaster latifrons	trace		*Parastichopus californicus*	0.58	
Rockfish			*Brisaster latifrons*	trace	
Sebastes maliger	1.33		**Flatfish**		
Flatfish			*Lyopsetta exilis*	2.12	
Lyopsetta exilis	1.07		**Selachii**		
Parophrys vetulus	0.19		*Hydrolagus colliei*	22.00	
Selachii			**Roundfish**		
Hydrolagus colliei	8.00		*Merluccius productus*	1.69	
Squalus acanthias	3.05		*Theragra chalcogramma*	0.36	
Roundfish			*Bathyagonus nigripinnis*	0.09	
Merluccius productus	2.16		*Dasycottus setiger*	0.04	
Theragra chalcogramma	1.87		*Psychrolutes sigalutes*	trace	
Malacocottus zonurus	0.05		*Lycodapus mandibularis*	trace	
Bathyagonus nigripinnis	0.04		*Icelinus burchami*	trace	
Icelinus burchami	trace				

Table 9. (Cont'd)

Set:	N 119	**Date:**	3/14
Tow Speed:	2.7	**Tow Direction:**	116
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Hardy Inlet Mid		

	Start	Finish
Time:	09:02	09:17
Depth:	305	309
Latitude:	51 41.97	51 41.68
Longitude:	127 33.99	127 33.09

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	0.46
Pasiphaea pacifica	0.03
Eualus spp	0.02
Pandalus borealis	trace
Flatfish	
Lyopsetta exilis	0.46
Microstomus pacificus	0.45
Glyptocephalus zachirus	0.37
Selachii	
Squalus acanthias	3.10
Raja rhina	2.69
Roundfish	
Merluccius productus	1.10
Bathyagonus nigripinnis	0.03
Nectoliparis pelagicus	trace
Leuroglossus schmidti	trace

Set:	N 120	**Date:**	3/14
Tow Speed:	2.6	**Tow Direction:**	356
Duration:	8	**Tow Distance:**	0.3
Chart Reference:	Owikeno Pt.		

	Start	Finish
Time:	10:02	10:10
Depth:	233	235
Latitude:	51 41.94	51 42.23
Longitude:	127 26.74	127 26.77

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	0.40
Eualus spp	0.20
Crangon communis	trace
Pandalus borealis	trace
Pasiphaea pacifica	trace
Mollusc	
Berryteuthis magister	0.71
Echinoderm	
Brisaster latifrons	0.68
Ctenodiscus crispatus	0.21
Pseudarchaster alascensis	0.09
Molpadia intermedia	0.06
Flatfish	
Lyopsetta exilis	0.54
Roundfish	
Merluccius productus	3.51
Theragra chalcogramma	0.20
Lycodes pacificus	trace
Nectoliparis pelagicus	trace
Lycodapus mandibularis	trace
Leuroglossus schmidti	trace

Table 9. (Cont'd)

Set:	N 121	**Date:**	3/14
Tow Speed:	2.7	**Tow Direction:**	198
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Bottom end Upper Moses Inlet		

	Start	Finish
Time:	11:16	11:31
Depth:	235	238
Latitude:	51 47.03	51 46.40
Longitude:	127 23.41	127 23.78

Catch	
Species	**Weight (kg)**
Crustacean	
Eualus spp	0.15
Pandalus borealis	0.04
Pasiphaea pacifica	0.03
Echinoderm	
Molpadia intermedia	0.45
Ctenodiscus crispatus	0.06
Pseudarchaster alascensis	0.05
Brisaster latifrons	trace
Flatfish	
Lyopsetta exilis	1.45
Microstomus pacificus	0.20
Selachii	
Hydrolagus colliei	12.23
Squalus acanthias	6.81
Roundfish	
Merluccius productus	1.89
Lumpenella longirostris	0.19
Theragra chalcogramma	0.16
Bathyagonus nigripinnis	0.13
Dasycottus setiger	0.09
Malacocottus zonurus	0.03
Leuroglossus schmidti	trace
Lycodapus mandibularis	trace

Set:	N 122	**Date:**	3/14
Tow Speed:	3.1	**Tow Direction:**	213
Duration:	15	**Tow Distance:**	0.6
Chart Reference:	Penelope Pt.		

	Start	Finish
Time:	12:43	12:58
Depth:	191	196
Latitude:	51 48.70	51 48.16
Longitude:	127 22.80	127 23.37

Catch	
Species	**Weight (kg)**
Crab	
Cancer magister	0.24
Crustacean	
Pandalopsis dispar	2.78
Pandalus platyceros	0.26
Crangon communis	0.04
Eualus spp	0.03
Munida quadrispina	trace
Pasiphaea pacifica	trace
Pandalus borealis	trace
Mollusc	
Berryteuthis magister	0.14
Echinoderm	
Ctenodiscus crispatus	0.13
Brisaster latifrons	0.03
Flatfish	
Lyopsetta exilis	2.28
Microstomus pacificus	1.35
Atheresthes stomias	0.55
Selachii	
Hydrolagus colliei	19.04
Squalus acanthias	2.93
Roundfish	
Merluccius productus	1.14
Theragra chalcogramma	0.73
Bathyagonus nigripinnis	0.20
Dasycottus setiger	0.07
Malacocottus zonurus	0.04
Icelinus burchami	0.03
Other Inverts.	
Actiniaria	0.19
Brachiopoda	trace

Table 9. (Cont'd)

Set:	N 123	**Date:**	3/15		
Tow Speed:	2.7	**Tow Direction:**	280		
Duration:	13	**Tow Distance:**	0.5		
Chart Reference:	N shore, top end Upper Rivers Inlet				
	Start		**Finish**		
Time:	07:26		07:39		
Depth:	127		138		
Latitude:	51 40.97		51 41.07		
Longitude:	127 16.95		127 17.73		

Catch		
Species	**Weight (kg)**	**N**
Crab		
Chionoecetes bairdi (male)	0.81	4
Chionoecetes bairdi (female)	0.71	6
Crustacean		
Pandalopsis dispar	1.71	
Munida quadrispina	1.31	
Pandalus platyceros	1.11	
Pandalus hypsinotus	0.27	
Crangon communis	0.24	
Eualus spp	0.09	
Pandalus jordani	0.03	
Paguridae	0.03	
Pandalus borealis	trace	
Mollusc		
Berryteuthis magister	0.05	
Rossia pacifica	0.05	
Mollusca	trace	
Echinoderm		
Brisaster latifrons	0.78	
Luidia foliolata	0.09	
Ctenodiscus crispatus	0.08	
Palaeotaxodonta	0.06	
Gephyreaster swifti	0.04	
Molpadia intermedia	0.02	
Rockfish		
Sebastes zacentrus	0.24	
Flatfish		
Lyopsetta exilis	3.21	
Hippoglossoides elassodon	0.25	
Selachii		
Hydrolagus colliei	9.94	
Squalus acanthias	0.61	
Roundfish		
Anoplopoma fimbria	9.08	
Merluccius productus	5.68	
Theragra chalcogramma	3.80	
Agonopsis vulsa	1.15	
Gadus macrocephalus	0.74	
Malacocottus zonurus	0.08	
Thaleichthys pacificus	0.05	
Lycodes pacificus	0.04	
Other Inverts.		
Actiniaria	1.03	
Sipuncuida	0.03	

Set:	N 124	**Date:**	3/15		
Tow Speed:	2.7	**Tow Direction:**	221		
Duration:	15	**Tow Distance:**	0.5		
Chart Reference:	Top end Upper Rivers Mid				
	Start		**Finish**		
Time:	10:16		10:31		
Depth:	155		180		
Latitude:	51 40.70		51 40.38		
Longitude:	127 17.38		127 18.13		

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	12.68
Lopholithodes foraminatus	1.44
Pandalus platyceros	0.34
Munida quadrispina	0.11
Crangon communis	0.09
Pandalus borealis	0.03
Eualus spp	0.03
Mollusc	
Berryteuthis magister	0.15
Echinoderm	
Brisaster latifrons	0.12
Gephyreaster swifti	0.02
Flatfish	
Lyopsetta exilis	10.50
Microstomus pacificus	0.15
Atheresthes stomias	0.14
Glyptocephalus zachirus	0.06
Selachii	
Hydrolagus colliei	8.61
Squalus acanthias	0.11
Roundfish	
Merluccius productus	10.12
Theragra chalcogramma	9.41
Lycodes pacificus	1.52
Agonopsis vulsa	0.26
Thaleichthys pacificus	0.14
Dasycottus setiger	0.06
Lumpenella longirostris	0.03

Table 9. (Cont'd)

Set:	N 125	**Date:**	3/15	**Set:**	N 126	**Date:**	3/15
Tow Speed:	2.9	**Tow Direction:**	089	**Tow Speed:**	2.8	**Tow Direction:**	273
Duration:	15	**Tow Distance:**	0.60	**Duration:**	15	**Tow Distance:**	0.6
Chart Reference:	Kilbella Bay Head			**Chart Reference:**	Upper Rivers Inlet Mid		
	Start	**Finish**			**Start**	**Finish**	
Time:	11:13	11:28		**Time:**	12:38	12:53	
Depth:	142	178		**Depth:**	234	247	
Latitude:	51 41.28	51 41.26		**Latitude:**	51 40.07	51 40.03	
Longitude:	127 20.82	127 19.71		**Longitude:**	127 21.69	127 22.83	

Catch		**Catch**	
Species	**Weight (kg)**	**Species**	**Weight (kg)**
Crustacean		**Crustacean**	
Pandalopsis dispar	0.98	*Pandalopsis dispar*	0.29
Pandalus platyceros	0.36	*Pandalus borealis*	0.02
Pandalus borealis	0.06	*Pasiphaea pacifica*	trace
Munida quadrispina	0.03	*Eualus spp*	trace
Eualus spp	trace	*Crangon communis*	trace
Crangon communis	trace	**Mollusc**	
Flatfish		*Berryteuthis magister*	0.46
Lyopsetta exilis	1.21	**Flatfish**	
Microstomus pacificus	0.44	*Lyopsetta exilis*	0.64
Glyptocephalus zachirus	0.08	**Roundfish**	
Selachii		*Merluccius productus*	1.15
Hydrolagus colliei	0.63	*Thaleichthys pacificus*	0.06
Roundfish		*Dasycottus setiger*	0.02
Theragra chalcogramma	18.8	*Leuroglossus schmidti*	trace
Merluccius productus	4.11	*Lycodapus mandibularis*	trace
Lycodes pacificus	0.33		
Thaleichthys pacificus	0.12		
Agonopsis vulsa	0.02		

Table 9. (Cont'd)

Set:	N 127	**Date:**	3/16	**Set:**	N 128	**Date:**	3/16
Tow Speed:	2.7	**Tow Direction:**	212	**Tow Speed:**	2.9	**Tow Direction:**	31
Duration:	15	**Tow Distance:**	0.5	**Duration:**	15	**Tow Distance:**	0.6
Chart Reference:	E of Bickle Pass (Darby Channel)			**Chart Reference:**	Darby Channel South		
	Start	**Finish**			**Start**	**Finish**	
Time:	07:22	07:32		**Time:**	08:09	08:24	
Depth:	79	83		**Depth:**	77	79	
Latitude:	51 34.94	51 34.61		**Latitude:**	51 32.34	51 32.91	
Longitude:	127 34.41	127 34.77		**Longitude:**	127 37.67	127 37.12	

Catch			**Catch**	
Species	**Weight (kg)**	**N**	**Species**	**Weight (kg)**
Crab			**Crustacean**	
Chionoecetes bairdi (male)	0.30	2	*Pandalopsis dispar*	0.48
Chionoecetes bairdi (female)	0.27	1	*Pandalus platyceros*	0.18
Cancer magister (male)		1	*Pandalus hypsinotus*	0.14
Cancer magister (female)		1	*Munida quadrispina*	0.12
Crustacean			*Pandalus jordani*	0.10
Munida quadrispina	2.95		*Crangon communis*	0.06
Pandalus platyceros	0.62		*Eualus spp*	trace
Pandalopsis dispar	0.33		**Echinoderm**	
Pandalus borealis	0.16		*Ctenodiscus crispatus*	0.04
Pandalus hypsinotus	0.16		**Flatfish**	
Pandalus jordani	0.10		*Hippoglossoides elassodon*	12.56
Crangon communis	0.02		*Lyopsetta exilis*	1.64
Pasiphaea pacifica	trace		*Lepidopsetta bilineata*	0.45
Flatfish			*Platichthys stellatus*	0.30
Hippoglossoides elassodon	3.13		*Parophrys vetulus*	0.11
Lyopsetta exilis	1.15		*Microstomus pacificus*	0.10
Microstomus pacificus	0.16		**Roundfish**	
Selachii			*Lycodes pacificus*	10.85
Raja rhina	2.81		*Merluccius productus*	5.55
Roundfish			*Theragra chalcogramma*	4.58
Theragra chalcogramma	10.43		*Cymatogaster aggregata*	4.24
Cymatogaster aggregata	4.28		*Microgadus proximus*	0.50
Hemitripterus bolini	3.40		*Ophiodon elongatus*	0.22
Lycodes pacificus	0.78		*Thaleichthys pacificus*	0.15
Merluccius productus	0.52		*Lycodes brevipes*	0.10
Thaleichthys pacificus	0.27		*Clupea pallasi*	0.06
Ophiodon elongatus	0.20		*Lumpenus sagitta*	0.04
Microgadus proximus	0.17		*Radulinus asprellus*	trace
Other Inverts.			**Other Inverts.**	
Isopoda	trace		*Isopoda*	trace

Table 9. (Cont'd)

Set:	N 129	**Date:**	3/16		
Tow Speed:	2.3	**Tow Direction:**	344		
Duration:	15	**Tow Distance:**	0.6		
Chart Reference:	Fitz Hugh Sound Mid				
	Start		**Finish**		
Time:	13:49		14:04		
Depth:	154		154		
Latitude:	51 29.37		51 29.98		
Longitude:	127 50.50		127 50.72		

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalus jordani	17.20
Pandalopsis dispar	7.69
Pandalus platyceros	2.39
Munida quadrispina	trace
Chorilia longipes	trace
Mollusc	
Loligo opalescens	trace
Echinoderm	
Allocentrotus fragilis	0.02
Echinasteridae	trace
Rockfish	
Sebastes zacentrus	2.20
Flatfish	
Lyopsetta exilis	6.25
Glyptocephalus zachirus	3.32
Hippoglossoides elassodon	1.36
Atheresthes stomias	0.64
Selachii	
Hydrolagus colliei	59.20
Raja rhina	3.16
Roundfish	
Theragra chalcogramma	4.44
Thaleichthys pacificus	0.78
Merluccius productus	0.39
Clupea pallasi	0.26
Icelinus burchami	0.08
Malacocottus zonurus	0.08
Malacocottus kincaidi	0.03
Lycodes pacificus	0.02
Other Inverts.	
Primnoa spp	19.25

Set:	N 130	**Date:**	3/16		
Tow Speed:	2.9	**Tow Direction:**	194		
Duration:	9	**Tow Distance:**	0.4		
Chart Reference:	Off Safety Cove				
	Start		**Finish**		
Time:	15:00		15:09		
Depth:	117		121		
Latitude:	51 32.05		51 31.71		
Longitude:	127 53.36		127 53.37		

Catch	
Species	**Weight (kg)**
Crustacean	
Pandalus platyceros	0.76
Rockfish	
Sebastes proriger	3.07
Sebastes maliger	1.64
Sebastes zacentrus	0.48
Sebastes alutus	0.10
Flatfish	
Glyptocephalus zachirus	0.32
Selachii	
Hydrolagus colliei	0.83
Roundfish	
Gadus macrocephalus	1.24
Theragra chalcogramma	0.17
Icelinus filamentosus	0.10
Thaleichthys pacificus	0.04
Cymatogaster aggregata	0.03
Other Inverts.	
Porifera	3.70

Table 9. (Cont'd)

Set:	N 131	**Date:**	3/16
Tow Speed:	2.6	**Tow Direction:**	340
Duration:	11	**Tow Distance:**	0.4

Chart Reference: Hanbury Pt. (Fitz Hugh Sound)

	Start	**Finish**
Time:	15:42	15:53
Depth:	200	216
Latitude:	51 33.99	51 34.45
Longitude:	127 50.13	127 50.24

Catch

Species	**Weight (kg)**
Crustacean	
Pandalopsis dispar	0.60
Pasiphaea pacifica	0.39
Pandalus jordani	0.28
Eualus spp	trace
Crangon communis	trace
Mollusc	
Berryteuthis magister	0.04
Entodesma navicula	trace
Flatfish	
Lyopsetta exilis	1.88
Parophrys vetulus	0.88
Glyptocephalus zachirus	0.44
Selachii	
Hydrolagus colliei	5.88
Roundfish	
Lycodapus mandibularis	trace
Liparíscus nanus	trace

Table 10. Biological information and tag numbers for *C. bairdi* by set number, Tanner crab trap survey, F/V Western Bounty, January 20 - February 20, 2004.

Set #	Date	Biological Information									Tag Number	
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Abdominal		
W601	1/21	Male	8	2		1		107	42	22		43001	
W601	1/21	Male	1					103	37	20		43002	
W602	1/21	Male	1					95	27	15		43003	
W602	1/21	Male	1					87	29	17		43004	
W602	1/21	Male	1					116	45	22		43005	
W602	1/21	Gravid female	1					81			51	43006	
W602	1/21	Gravid female	1			1					47	43007	
W602	1/21	Male	1					109	42	22		43008	
W602	1/21	Male	1					105	34	17		43009	43010
W602	1/21	Male	1			1		96	35	19		43011	
W602	1/21	Male	1			3		94	35	16		43012	
W 2	1/21	Male	1			1		104	43	22		43013	43014
W 2	1/21	Male	1			1		96	36	19		43015	
W 2	1/21	Male	1			1		107	42	19		43016	
W 2	1/21	Male	1					81	26	14		43017	
W 2	1/21	Male	1					86	24	12		43018	
W 2	1/21	Gravid female	1					86			53	43019	
W 2	1/21	Male	1					78	21	10		43020	
W 2	1/21	Male	1					104	40	24		43021	
W 2	1/21	Female	1					72			34	43022	
W 2	1/21	Female	1					70			33	43023	
W 2	1/21	Male	1					113	44	22		43024	
W 2	1/21	Gravid female	1					79			51	43025	
W 2	1/21	Male	1					107	45	22		43026	
W 2	1/21	Male	1					118	49	26		43027	
W 2	1/21	Male	1					113	48	24		43028	
W 2	1/21	Male	1			1		92	33	17		43029	
W 1	1/22	Male	1					93	32	16		43030	
W 1	1/22	Male	1			1		101	29	16		43031	
W 1	1/22	Male	1			1		108	41	23		43032	
W 1	1/22	Gravid female	1					78			51	43033	
W 1	1/22	Male	1			3		95	33	21		43034	
W 1	1/22	Male	1					111	41	21		43035	
W 1	1/22	Male	1					120	47	23		43036	
W 1	1/22	Male	1			1		108	39	22		43037	
W 1	1/22	Male	1			1		104	40	22		43038	
W 1	1/22	Male	1					107	40	20		43039	
W 1	1/22	Male	1					99	37	19		43040	
W 1	1/22	Male	1				3	91	31	16		43041	
W 1	1/22	Gravid female	1					83			54	43042	
W 1	1/22	Gravid female	1					74			46	43043	
W 1	1/22	Male	1					84	29	16		43044	
W 1	1/22	Gravid female	1					82			51	43045	
W 1	1/22	Gravid female	1					75			47	43046	
W 1	1/22	Gravid female	1			1		79			49	43047	
W 1	1/22	Male	1					107	42	20		43048	
W 1	1/22	Gravid female	1			1		77			50	43049	
W 1	1/22	Female	1					68			31	43050	
W 1	1/22	Gravid female	1					79			49	43051	
W 1	1/22	Male	1			1		94	35	17		43052	
W 1	1/22	Male	1			1		71	18	10		43053	
W 1	1/22	Gravid female	1					89			58	43054	
W 1	1/22	Male	1			1		86	30	16		43055	
W 1	1/22	Male	1					83	22	12		43056	
W 1	1/22	Gravid female	1					75			50	43057	
W 1	1/22	Male	1	1	1	1		84				43058	
W 3	1/22	Male	1					93	30	17		43059	
W 3	1/22	Male	1					115	45	26		43060	
W 3	1/22	Gravid female	1					79			50	43061	

Table 10. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Abdominal
W 3	1/22	Male	6		1			110			43062
W 3	1/22	Male	1					92	34	17	43063
W 3	1/22	Male	1					117	45	25	43064
W 3	1/22	Male	1					101	38	19	43065
W 3	1/22	Male	1		1			97	32	19	43066
W 3	1/22	Male	1		1			89	32	18	43067
W 3	1/22	Male	1					92	28	13	43068
W 3	1/22	Gravid female	1					88			57 43069
W 3	1/22	Male	1					74	24	13	43070
W 3	1/22	Male	1					82	22	11	43071
W 4	1/22	Gravid female	8			3		88			58 43072
W 4	1/22	Male	1			1		119	48	25	43073
W 4	1/22	Male	1					93	33	17	43074
W 4	1/22	Male	1					79	21	12	43075
W604	1/22	Male	1					95	34	19	43076
W604	1/22	Male	1					106	43	22	43077
W604	1/22	Male	1					105	37	22	43078
W604	1/22	Male	1			1		88	31	18	43079
W604	1/22	Gravid female	1		1	3		84			57 43080
W604	1/22	Gravid female	1		1	3		86			56 43081
W604	1/22	Male	1			1		91	33	18	43082
W604	1/22	Male	1			1		98	36	19	43083
W 6	1/23	Male	1					80	21	12	43084
W 6	1/23	Gravid female	1					84			53 43085
W 6	1/23	Female	1					56			25 43086
W 6	1/23	Female	1					77			36 43087
W 6	1/23	Gravid female	1					84			51 43088
W 6	1/23	Male	1			1		94	32	12	43089
W 6	1/23	Gravid female	1		1	2		79			49 43090
W 6	1/23	Gravid female	1					84			54 43091
W 6	1/23	Male	1			2		67	17	9	43092
W 6	1/23	Male	1					88	28	15	43093
W 6	1/23	Male	1			1		86	28	15	43094
W 6	1/23	Male	1			1		103	39	20	43095
W 6	1/23	Male	1					97	36	19	43096
W 6	1/23	Male	1					81	21	11	43097
W 6	1/23	Male	1					104	39	20	43098
W 6	1/23	Male	1					85	31	16	43099
W 6	1/23	Male	1			2		79	27	14	43100
W 6	1/23	Male	1					84	29	16	43101
W 6	1/23	Male	1					108	41	20	43102
W 6	1/23	Male	1					99	36	19	43103
W 6	1/23	Male	1			1		88	28	15	43104
W 6	1/23	Gravid female	1			1		82			55 43105
W 7	1/22	Gravid female	1					82			53 43106
W 7	1/22	Male	1					89	24	19	43107
W 7	1/22	Gravid female	1					75			49 43108
W 7	1/22	Gravid female	1					73			49 43109
W 10	1/23	Gravid female	1					91			59 43110
W 10	1/23	Gravid female	1					73			46 43111
W 18	1/24	Male	1					79	27	15	43112
W 18	1/24	Male	1		1	1		103			43113
W 18	1/24	Gravid female	1			1		74			45 43114
W 18	1/24	Male	1		1			98			43115
W 18	1/24	Gravid female	6			3		73			46 43116
W 18	1/24	Male	1			1		75	24	13	43117
W 18	1/24	Male	1			2		83	28	15	43118
W 18	1/24	Male	1			2		91	32	12	43119
W 18	1/24	Male	1			1		99	36	20	43120
W 19	1/24	Male	1			1		126	49	25	43121

Table 10. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Abdominal	
W 19	1/24	Male	1		1	1		80				43122
W 19	1/24	Male	1					98	32	17		43123
W 19	1/24	Male	1					68	17	9		43124
W 19	1/24	Female	1					75			35	43125
W 19	1/24	Male	1					82	22	13		43126
W 19	1/24	Male	1					96	28	14		43127
W 19	1/24	Male	1			2		72	19	11		43128
W 19	1/24	Male	1			1		74	20	11		43129
W 19	1/24	Gravid female	1			2		72			46	43130
W 19	1/24	Female	1			2		72			33	43131
W 19	1/24	Male	1					97	36	18		43132
W 19	1/24	Female	1					66			31	43133
W 19	1/24	Male	1			2		104	38	20		43134
W 19	1/24	Male	1					98	36	19		43135
W 19	1/24	Male	1			1		77	20	11		43136
W 19	1/24	Male	1					72	19	10		43137
W 19	1/24	Male	1					72	20	11		43138
W 19	1/24	Male	1					114	45	23		43139
W 19	1/24	Male	1					98	36	18		43140
W 19	1/24	Male	1		1			74				43141
W 19	1/24	Male	1					87	31	11		43142
W 19	1/24	Male	1			1		81	23	12		43143
W 19	1/24	Female	1			2		73			34	43144
W 19	1/24	Gravid female	1					76			50	43145
W 19	1/24	Male	1					80	25	13		43146
W 19	1/24	Male	1					75	24	12		43147
W 19	1/24	Male	1					72	18	9		43148
W 19	1/24	Male	1		1			84	28	16		43149
W 21	1/24	Male	1			2		85	28	11		43150
W 21	1/24	Male	1					108	40	22		43151
W607	1/24	Male	1					92	32	17		43152
W607	1/24	Male	1					100	39	19		43153
W 26	1/25	Male	1					95	33	17		43154
W 26	1/25	Male	1			1		90	31	16		43155
W 26	1/25	Gravid female	1					72			48	43156
W 26	1/25	Male	8			1		105	37	19		43157
W 26	1/25	Male	1					98	35	18		43158
W 26	1/25	Gravid female	1					76			50	43159
W 26	1/25	Gravid female	1			1		73			48	43160
W 26	1/25	Male	1					83	29	15		43161
W 26	1/25	Gravid female	1					82			54	43162
W 26	1/25	Male	1					85	30	16		43163
W 26	1/25	Gravid female	1			2		87			58	43164
W 26	1/25	Male	8			2		87	30	15		43165
W 26	1/25	Gravid female	8			1		83			55	43166
W 26	1/25	Male	1					80	27	14		43167
W 26	1/25	Gravid female	8					79			50	43168
W 26	1/25	Gravid female	1					75			56	43169
W 26	1/25	Gravid female	8					79			54	43170
W 26	1/25	Gravid female	1					74			46	43171
W 26	1/25	Male	1		1	2		106				43172
W 26	1/25	Female	1		1			60				43173
W 26	1/25	Gravid female	8					73			47	43174
W 26	1/25	Gravid female	8					78			52	43175
W 24	1/25	Male	1					108	41	27		43176
W 24	1/25	Male	1			1		106	38	20		43177
W 24	1/25	Male	1					91	34	16		43178
W 24	1/25	Male	1			1		80	22	12		43179
W 24	1/25	Male	8					81	27	13		43180
W 24	1/25	Male	1					82	17	9		43181
W 24	1/25	Male	1			2		70	18	9		43182

Table 10. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Abdominal	
W 24	1/25	Male	1					90	32	16		43183
W 24	1/25	Gravid female	1					79			50	43184
W 24	1/25	Female	1					68			32	43185
W 24	1/25	Female	1					78			40	43186
W 25	1/25	Male	1					105	39	19		43187
W 25	1/25	Male	1					81	27	14		43188
W 25	1/25	Female	1					69				43189
W 25	1/25	Male	1					77	24	11		43190
W 25	1/25	Male	1					79	20	11		43191
W 25	1/25	Male	1			1		89	31	16		43192
W 25	1/25	Male	1					93	33	16		43193
W 25	1/25	Male	1					78	20	11		43194
W 23	1/25	Male	1					88	32	16		43195
W 23	1/25	Male	1					114	40	22		43196
W 23	1/25	Gravid female	8					79			53	43197
W 23	1/25	Gravid female	8			3		90			59	43198
W 23	1/25	Gravid female	8					88			55	43199
W 23	1/25	Male	1		1	1		92				43200
W 23	1/25	Male	1			1		80	27	13		43201
W 23	1/25	Male	8					94	38	19		43202
W 23	1/25	Male	8					82	26	12		43203
W 36	2/7	Male	1					105	37	21		43248
W 34	2/8	Male	1					103	34	20		43249
W 34	2/8	Male	1					111	43	25		43250
W 34	2/8	Male	1					111	39	20		43251
W 35	2/8	Male	6					96	34	13		43252
W613	2/8	Male	8			1		98	36	18		43253
W613	2/8	Male	1					111	43	22		43254
W613	2/8	Male	8			1		99	34	17		43255
W613	2/8	Male	6					102	38	21		43256
W613	2/8	Male	1					105	40	21		43257
W613	2/8	Male	1					101	37	20		43258
W613	2/8	Male	8			1		102	38	20		43259
W613	2/8	Male	1			1		90	31	16		43260
W613	2/8	Male	6		1			89				43261
W614	2/9	Male	1					108	40	22		43262
W614	2/9	Male	6					120	47	23		43263
W614	2/9	Male	6			2		108	[illegible]	20		43264
W614	2/9	Male	6		1	1		112				43265
W614	2/9	Male	6			1		105	42	20		43266
W614	2/9	Male	8					123	48	25		43267
W614	2/9	Male	8					126	49	21		43268
W614	2/9	Male	1					113	44	22		43269
W614	2/9	Male	8			2		101	40	21		43270
W 44	2/9	Male	8					94	33	18		43271
W 44	2/9	Male	8			2		97	35	18		43272
W 45	2/9	Gravid female	8			3		79			50	43273
W 41	2/9	Male	1		1	1		80				43274
W 42	2/9	Male	8			2		82	28	10		43275
W615	2/9	Male	8					66	28	16		43276
W615	2/9	Gravid female	6					74			46	43277
W615	2/9	Male	8			2		79	33	22		43278
W615	2/9	Male	1			1		99	39	20		43279
W615	2/9	Male	8					82	29	15		43280
W615	2/9	Male	8		1	3	6	97				43281
W615	2/9	Male	8					74	25	13		43282
W 47	2/10	Gravid female	6					80			53	43283
W 47	2/10	Male	8			1		81	30	15		43284
W617	2/11	Male	1					130	51	26		43285
W617	2/11	Male	1					125	50	25		43286
W617	2/11	Male	1					108	43	21		43287

Table 10. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
W617	2/11	Male	1					114	40	19		43288
W617	2/11	Male	8				3	108	42	20		43289
W617	2/11	Male	1		1			114	46	23		43290
W 22	1/25	Gravid female	1					91			58	43204
W 17	1/26	Male	8			1		90	32	17		43205
W 17	1/26	Male	1					108	40	21		43206
W 30	1/26	Male	1			1		89	26	14		43207
W 30	1/26	Male	1		1			87				43208
W 30	1/26	Gravid female	1					82			52	43209
W 32	1/26	Male	1					92	33	16		43210
W 32	1/26	Gravid female	8					91			61	43211
W 32	1/26	Male	1					89	37	15		43212
W 32	1/26	Male	1			1		84	30	14		43213
W 32	1/26	Male	1			1		78	25	12		43214
W 32	1/26	Male	8			1		93	32	19		43215
W 32	1/26	Male	8			1		105	36	19		43216
W 32	1/26	Male	1					78	26	14		43217
W 32	1/26	Male	8			1		95	34	18		43218
W 33	1/26	Male	1					93	34	17		43219
W 33	1/26	Male	1					88	30	16		43220
W 33	1/26	Male	1			1		102	38	20		43221
W 33	1/26	Male	8			1		85	25	13		43222
W 33	1/26	Male	1					79	27	13		43223
W 81	1/28	Male	8					90	31	17		43224
W 83	1/28	Male	1			2		90	32	17		43226
W 83	1/28	Male	6		1			100	35	18		43227
W 83	1/28	Male	1			2		109	40	21		43228
W 83	1/28	Male	1					92	35	18		43229
W 83	1/28	Male	1					91	32	15		43230
W 83	1/28	Male	8			2		107	39	20		43231
W 83	1/28	Male	8		1			105				43232
W 83	1/28	Male	1			1		92	38	20		43233
W 83	1/28	Male	1			1		90	34	18		43234
W 83	1/28	Male	1			1		97	37	17		43235
W 79	1/28	Male	6					73	23	13		43236
W 80	1/28	Male	1					86	24	12		43237
W 80	1/28	Male	1			1		79	25	13		43238
W 80	1/28	Female	1					71			34	43239
W 80	1/28	Male	8			1		86	29	14		43240
W 80	1/28	Male	8					88	28	14		43241
W 9	1/23	Male	8			1		93	34	17		43242
W 9	1/23	Female	1					77			34	43243
W 9	1/23	Male	8			1		82	33	16		43244
W 16	2/6	Male	1					86	29	14		43245
W 16	2/6	Male	1					88	30	14		43246
W 13	2/7	Male	8			1		96	35	17		43247
W621	2/18	Male	6			1		106	38	20		43291
W621	2/18	Male	8					104	37	18		43292
W621	2/18	Male	8					104	36	20		43293
W 70	2/18	Male	1			1		104	40	23		43294
W 70	2/18	Male	6		1			116				43295
W 70	2/18	Male	8					104	40	22		43296
W 70	2/18	Male	8					99	35	19		43297
W 70	2/18	Male	8			2		128	50	28		43298
W 70	2/18	Male	8			1		94	32	18		43299
W 70	2/18	Male	8			2		103	39	20		43300
W 70	2/18	Male	8					99	37	20		43301
W 70	2/18	Gravid female	8					89			58	43302
W 70	2/18	Male	8			1		105	38	20		43303
W 70	2/18	Male	8					98	34	18		43304
W 70	2/18	Male	8					103	36	20		43305
W 70	2/18	Male	1		2	1		106				43306

Table 10. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
W 70	2/18	Male	8					101	37	18		43307
W 70	2/18	Male	6			1		102	35	18		43308
W 70	2/18	Male	1			3		113	41	22		43309
W 70	2/18	Male	6			2		107	40	20		43310
W 70	2/18	Male	8					115	45	24		43311
W 70	2/18	Gravid female	8					87			55	43312
W 70	2/18	Male	8					93	34	18		43313
W 69	2/18	Male	1					84	24	13		43314
W 69	2/18	Male	6					85	23	13		43315
W 69	2/18	Gravid female	1					94			64	43316
W 69	2/18	Male	8					84	29	16		43317
W 69	2/18	Male	8					109	40	22		43318
W 69	2/18	Male	8		1			78	22	11		43319
W 71	2/18	Male	8					115	47	26		43320
W 71	2/18	Male	8					82	33	18		43321
W 71	2/18	Male	6					100	37	20		43322
W 71	2/18	Female	8					76			37	43323
W 71	2/18	Male	1					77	25	14		43324
W 71	2/18	Male	1		1	1		81	27	14		43325
W 71	2/18	Male	6		1			108				43326
W 71	2/18	Male	6					108	40	22		43327
W 71	2/18	Male	8					99	35	18		43328
W 71	2/18	Male	1					101	35	18		43329
W 72	2/18	Male	8					131	53	28		43330
W 72	2/18	Male	8					120	46	27		43331
W 72	2/18	Male	8			1		121	48	22		43332
W 72	2/18	Male	1		1			95	33	17		43333
W 72	2/18	Male	6					105	42	22		43334
W 72	2/18	Male	6					105	42	23		43335
W 72	2/18	Female	8					96			62	43336
W 72	2/18	Male	6					103	40	20		43337
W 72	2/18	Male	8					113	44	23		43338
W 72	2/18	Male	8					127	48	25		43339
W 72	2/18	Male	8					114	44	24		43340
W 72	2/18	Male	1					120	43	21		43341
W 72	2/18	Male	1					120	47	25		43342
W 72	2/18	Male	6					118	44	23		43343
W 72	2/18	Male	1					122	47	24		43344
W 72	2/18	Male	1					117	45	24		43345
W 72	2/18	Female	6					84			55	43346
W 72	2/18	Female	8					86			55	43347
W 72	2/18	Male	1					109	41	21		43348
W 72	2/18	Male	1					95	32	16		43349
W 72	2/18	Male	1					92	26	14		43350
W 72	2/18	Male	1			1		121	46	26		43351
W 72	2/18	Male	8			2		112	43	24		43352
W 72	2/18	Male	6					118	45	23		43353
W 72	2/18	Male	8			1		107	36	19		43354
W 72	2/18	Male	6					122	47	26		43355
W 72	2/18	Male	1					105	37	22		43356
W 72	2/18	Male	8					110	41	25		43357
W 72	2/18	Male	8					128	51	29		43358
W 72	2/18	Male	1					112	45	23		43359
W 72	2/18	Female	8					87			54	43360
W 72	2/18	Male	1					116	45	25		43361
W 72	2/18	Male	1					107	41	21		43362
W 72	2/18	Male	6					105	39	22		43363
W 72	2/18	Male	1					117	44	24		43364
W 72	2/18	Male	1			1		106	39	21		43365
W 73	2/18	Male	8			1		117	45	25		43366
W 73	2/18	Male	8					115	48	26		43367

Table 10. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
W 73	2/18	Male	8			1		100	35	18		43368
W 73	2/18	Male	6		1	1		121				43369
W 73	2/18	Female	8					91			59	43370
W 73	2/18	Male	8					106	38	21		43371
W 73	2/18	Male	8					112	45	25		43372
W 73	2/18	Male	8					100	36	17		43373
W 73	2/18	Male	8					115	46	25		43374
W 73	2/18	Male	8					93	35	18		43375
W 73	2/18	Male	1					117	42	24		43376
W 73	2/18	Gravid female	8					65			43	43377
W 73	2/18	Male	1					107	37	21		43378
W 73	2/18	Male	1			3		103	38	20		43379
W 73	2/18	Gravid female	8					86			56	43380
W 73	2/18	Male	8					95	33	20		43381
W 73	2/18	Male	1					98	34	19		43382
W 73	2/18	Female	6					80			50	43383
W 73	2/18	Female	6					81			50	43384
W 73	2/18	Male	8			1		124	44	23		43385
W 73	2/18	Male	8					93	31	28		43386
W 73	2/18	Female	6					80			52	43387
W 73	2/18	Male	8					105	40	20		43388

Table 11. Biological information and tag numbers for *C. bairdi* by set number, Tanner crab trap and trawl survey, CCGS Neocaligus, March 10-16, 2004.

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 123	3/15	Male	3					77	20	11		
N 113	3/12	Female	3					18				
N 115	3/13	Male	2	5			3	57				
N 117	3/13	Female	1					68			32	
N 118	3/13	Male	1					62	16	8		
N 3	3/10	Male	8					105	43	22		
N 123	3/15	Female	1					34			18	
N 2	3/10	Male	1			1		106	39	22		
N 2	3/10	Male	1					121	48	26		
N 113	3/12	Female	1					16				
N 21	3/15	Male	6			2		104				
N 9	3/13	Female	1			1		62			28	
N123	3/15	Female	1					72			34	
N 123	3/15	Male	6		1			88	32	15		
N 123	3/15	Gravid female	4					85				
N 123	3/15	Gravid female	3	5				86			55	
N 123	3/15	Male	2					76	21	11		
N 123	3/15	Female	1					71			33	
N 123	3/15	Male	1					97	32	16		
N 123	3/15	Gravid female	3					83			57	
N 21	3/15	Male	3					118	52	27		
N 101	3/10	Female	1					11				
N 19	3/15	Male	1			1		86	29	15		
N 3	3/10	Male	6			1		94	38	20		
N 113	3/12	Female	1					18				
N 104	3/10	Male	8		1	1		89				
N 101	3/10	Male	1					13				
N 19	3/15	Male	8	9		2		97	36	19		
N 8	3/11	Male	1	9				92				
N 113	3/12	Male	1					13				
N 113	3/12	Gravid female	1					93			61	
N 113	3/12	Female	1					18				
N 8	3/11	Male	8	9				100				
N 113	3/12	Male	1					15				
N 113	3/12	Female	1					18				
N 113	3/12	Female	1					18				
N 111	3/12	Spent female	7		1	1		89			58	
N 105	3/10	Gravid female	8					75			48	43389
N 105	3/10	Gravid female	6			1		74			48	43390
N 105	3/10	Gravid female	8					75			47	43391
N 106	3/10	Male	1					103	41	22		43392
N 106	3/10	Male	8			2		105	44	22		43393
N 108	3/11	Male	8					101	38	21		43394
N 108	3/11	Gravid female	6					73			50	43395
N 108	3/11	Gravid female	6			1		80			51	43396
N 1	3/10	Male	1			2		106	41	20		43397
N 1	3/10	Male	1			1		109	40	21		43398
N 1	3/10	Male	2					113	35	19		43399
N 1	3/10	Male	1			1		113	45	25		43400
N 1	3/10	Male	1			1		95	36	18		43401
N 1	3/10	Male	1					105	41	20		43402
N 1	3/10	Male	1					119	50	25		43403
N 1	3/10	Male	1					105	42	22		43404
N 1	3/10	Male	1					95	35	19		43405
N 1	3/10	Male	6					101	41	20		43406
N 1	3/10	Male	1	5				94	35	18		43407

Table 11. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 1	3/10	Male	1			1		108	44	21		43408
N 1	3/10	Male	1					116	45	22		43409
N 1	3/10	Male	1	4				90	35	18		43410
N 1	3/10	Male	8			1		108	40	21		43412
N 1	3/10	Male	3		1			122	48	25		43413
N 1	3/10	Male	1		1			108	43	22		43415
N 1	3/10	Male	1					100	39	19		43416
N 1	3/10	Male	1			1		105	40	22		43417
N 1	3/10	Male	1		1	1		117				43418
N 2	3/10	Male	8					118	48	24		43419
N 1	3/10	Male	1					99	38	18		43420
N 2	3/10	Male	8			1		113	45	23		43421
N 2	3/10	Male	1			1		129	53	28		43422
N 2	3/10	Male	1			1		125	51	27		43423
N 2	3/10	Male	1			1		117	48	25		43424
N 2	3/10	Male	1					110	41	22		43425
N 2	3/10	Male	1					122	52	27		43426
N 3	3/10	Male	8					101	41	21		43428
N 3	3/10	Male	8			1		108	43	23		43429
N 3	3/10	Male	1					119	53	26		43430
N 3	3/10	Male	1			2		117	49	24		43431
N 3	3/10	Male	8		1	2		123				43432
N 3	3/10	Male	8			1		113	46	25		43433
N 3	3/10	Male	8			1		102	40	21		43434
N 3	3/10	Male	6					119	50	25		43435
N 3	3/10	Male	8					127	55	28		43436
N 3	3/10	Male	8			1		124	50	27		43437
N 3	3/10	Male	1			1		122	51	26		43438
N 3	3/10	Male	8			1		94	35	17		43439
N 3	3/10	Male	8			2		102	39	21		43440
N 3	3/10	Male	8					98	38	22		43441
N 3	3/10	Male	8			2		119	51	25		43442
N 3	3/10	Male	1					124	53	27		43443
N 3	3/10	Male	8					110	43	24		43444
N 114	3/12	Male	1					81	23	11		43445
N 114	3/12	Spent female	6					78				43446
N 7	3/11	Male	8			1		100	38	19		43447
N 7	3/11	Male	1					103	39	15		43448
N 7	3/11	Male	8					98	39	19		43449
N 7	3/11	Male	6			1		123	52	26		43450
N 7	3/11	Male	6					109	42	22		43451
N 7	3/11	Male	8					95	34	18		43452
N 7	3/11	Male	1					119	50	24		43453
N 7	3/11	Male	6			3		97	35	18		43454
N 7	3/11	Male	1			2		102	40	20		43455
N 7	3/11	Male	8					88	32	16		43456
N 7	3/11	Male	6			1		117	45	23		43457
N 7	3/11	Male	1					106	39	19		43458
N 7	3/11	Male	8			1		116	48	23		43459
N 7	3/11	Spent female	6					86			53	43460
N 7	3/11	Spent female	6			1		75			49	43461
N 7	3/11	Male	8					107	44	22		43462
N 7	3/11	Male	6			1		101	41	19		43463
N 7	3/11	Male	1			1		108	42	22		43464
N 7	3/11	Spent female	6	5		1		80			50	43465
N 7	3/11	Male	8			1		87	28	15		43466
N 7	3/11	Male	6			1		114	47	25		43467
N 7	3/11	Male	1			3		102	39	20		43468

Table 11. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 7	3/11	Male	6					105	43	21		43469
N 7	3/11	Male	6			1		116	47	24		43470
N 7	3/11	Male	8					129	51	27		43471
N 7	3/11	Male	8					114	45	24		43472
N 7	3/11	Male	8					102	42	22		43473
N 7	3/11	Male	6			1		106	40	22		43474
N 7	3/11	Male	6			1		129	53	27		43475
N 7	3/11	Male	8			1		130	54	27		43476
N 7	3/11	Male	8			1		99	37	17		43477
N 7	3/11	Male	8					87	32	16		43478
N 7	3/11	Male	6			1		107	40	21		43479
N 7	3/11	Male	8					111	40	21		43480
N 7	3/11	Male	1					98	37	18		43481
N 7	3/11	Male	8		1			127				43482
N 7	3/11	Male	8			4		97				43483
N 7	3/11	Male	1			1		86				43484
N 7	3/11	Male	8					95	34	19		43485
N 7	3/11	Male	8	4				100				43486
N 7	3/11	Male	6					120	51	26		43487
N 7	3/11	Male	8					121	49	25		43488
N 7	3/11	Male	6			1		101	39	19		43489
N 7	3/11	Male	8					93	33	17		43490
N 7	3/11	Male	1					90	41	20		43491
N 7	3/11	Male	1					96	34	19		43492
N 7	3/11	Male	1			2		103	39	20		43493
N 7	3/11	Male	6					98	37	20		43494
N 7	3/11	Spent female	8					81			52	43495
N 7	3/11	Male	1					97	28	14		43496
N 7	3/11	Male	6					96	35	16		43497
N 7	3/11	Male	6					106	43	22		43498
N 8	3/11	Male	6			1		104	40	21		43499
N 8	3/11	Male	8			2		97	35	18		43500
N 8	3/11	Male	1		1	3		111				43501
N 8	3/11	Male	8			1		105	40	19		43502
N 8	3/11	Male	8			1		108	42	21		43503
N 8	3/11	Male	8					104	42	21		43504
N 8	3/11	Male	6			5		103	40	20		43505
N 8	3/11	Male	8			1		97	36	18		43506
N 8	3/11	Male	1			2		82	29	15		43507
N 6	3/11	Male	1			1		90	31	16		43508
N 6	3/11	Male	1			2		111	44	22		43509
N 6	3/11	Male	1					99	30	15		43510
N 6	3/11	Male	1					87	27	13		43511
N 6	3/11	Male	1					88	32	15		43512
N 6	3/11	Male	1			3		89	26	13		43513
N 6	3/11	Male	1			1		105	42	22		43514
N 6	3/11	Male	1					98	36	20		43515
N 6	3/11	Male	1			1		88	31	16		43516
N 6	3/11	Male	1			2		87	30	15		43517
N 6	3/11	Male	1		1	1		81				43518
N 6	3/11	Male	1					84	28	14		43519
N 6	3/11	Male	8					92	32	17		43520
N 6	3/11	Gravid female	8					76			45	43521
N 6	3/11	Gravid female	8					79			50	43522
N 6	3/11	Male	1					88	32	16		43523
N 6	3/11	Male	1					100	35	18		43524
N 6	3/11	Male	1	5			3	85	24	11		43525
N 5	3/10	Male	1					106	42	22		43526

Table 11. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 118	3/13	Male	6			2		89	31	15		43527
N 13	3/13	Male	1	5				75	25	12		43528
N 13	3/13	Male	1					93	35	17		43529
N 13	3/13	Male	1	5				80	23	12		43530
N 13	3/13	Male	1					97	35	18		43531
N 14	3/13	Male	1			1		95	34	18		43532
N 14	3/13	Male	1					87	32	15		43533
N 14	3/13	Male	2			2		96	38	19		43534
N 14	3/13	Male	1			2		92	37	18		43535
N 14	3/13	Male	1			1		87	32	17		43536
N 14	3/13	Male	1					89	31	17		43537
N 14	3/13	Male	1					80	29	13		43538
N 14	3/13	Male	1			1		85	32	16		43539
N 14	3/13	Male	1					91	32	17		43540
N 14	3/13	Male	1					101	38	19		43541
N 14	3/13	Male	1					95	35	18		43542
N 14	3/13	Male	1					92	33	16		43543
N 14	3/13	Male	1					95	34	18		43544
N 14	3/13	Gravid female	8					86			56	43545
N 14	3/13	Male	6			1		101	38	19		43546
N 14	3/13	Male	3					90	34	16		43547
N 14	3/13	Gravid female	8					80			48	43548
N 14	3/13	Gravid female	8					75			48	43549
N 14	3/13	Male	1					100	38	19		43550
N 14	3/13	Gravid female	8					81			51	43551
N 14	3/13	Spent female	6					75			49	43552
N 14	3/13	Male	1					85	31	17		43553
N 14	3/13	Male	1			1		103	38	19		43554
N 14	3/13	Male	2					87	25	12		43555
N 14	3/13	Male	1					85	30	15		43556
N 14	3/13	Male	1			1		85	32	14		43557
N 14	3/13	Male	3					79	23	11		43558
N 10	3/13	Male	1					91	34	16		43559
N 10	3/13	Male	1					83	31	15		43560
N 10	3/13	Male	2					79	21	11		43561
N 10	3/13	Male	1					76	26	13		43562
N 16	3/14	Male	8			1		100	37	19		43563
N 16	3/14	Male	1					99	37	19		43564
N 16	3/14	Male	8			1		93	36	17		43565
N 16	3/14	Male	1					96	36	18		43566
N 16	3/14	Male	1			3		93	34	18		43567
N 16	3/14	Male	6		1	1		89				43568
N 16	3/14	Male	2					83	29	15		43569
N 16	3/14	Male	8					83	29	15		43570
N 16	3/14	Male	1			1		89	30	15		43571
N 16	3/14	Male	1	5				76	27	14		43572
N 15	3/14	Male	6					94	36	19		43573
N 15	3/14	Male	1					87	32	17		43574
N 15	3/14	Male	1			2		82	30	15		43575
N 15	3/14	Male	8			2		95	37	18		43576
N 15	3/14	Male	1	5				83	83	14		43577
N 15	3/14	Male	1					82	30	15		43578
N 15	3/14	Male	1					88	34	17		43579
N 15	3/14	Male	1			2		95	35	18		43580
N 15	3/14	Male	1			2		93	35	17		43581
N 15	3/14	Male	1			1		81	31	15		43582
N 15	3/14	Male	1		1	1		89	34	18		43583
N 15	3/14	Male	1	5				98	37	17		43584

Table 11. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 15	3/14	Male	8		1	1		103				43585
N 15	3/14	Male	1					88	32	16		43586
N 15	3/14	Male	8			1		92	32	17		43587
N 15	3/14	Male	1					90	30	15		43588
N 15	3/14	Male	6					97	33	17		43589
N 15	3/14	Male	1					103	40	21		43590
N 15	3/14	Male	1			3		104	42	22		43591
N 15	3/14	Male	1					100	37	19		43592
N 17	3/14	Male	8	4		1		87	29	15		43593
N 17	3/14	Male	6					92	33	16		43594
N 17	3/14	Male	1					81	23	11		43595
N 17	3/14	Male	1					104	43	21		43596
N 17	3/14	Male	1					107	37	20		43597
N 17	3/14	Male	1					97	35	19		43598
N 17	3/14	Male	2					75	20	10		43599
N 17	3/14	Male	1	4			3	75	22	10		43600
N 17	3/14	Male	6			2		99	36	18		43601
N 17	3/14	Male	1			2		97	36	19		43602
N 17	3/14	Male	1		1	1		102				43603
N 17	3/14	Male	1					100	37	18		43604
N 17	3/14	Male	6					102	39	20		43605
N 17	3/14	Male	1					87	32	15		43606
N 17	3/14	Male	8					98	37	19		43607
N 17	3/14	Male	6			1		115	52	26		43608
N 17	3/14	Male	1					99	41	20		43609
N 17	3/14	Male	6			1		89	33	15		43610
N 17	3/14	Male	6					98	38	18		43611
N 17	3/14	Male	1					85	31	16		43612
N 17	3/14	Gravid female	6					73			47	43613
N 18	3/14	Male	1					90	27	12		43614
N 18	3/14	Male	1					88	25	12		43615
N 18	3/14	Male	1			2		116	45	23		43616
N 18	3/14	Male	6			1		84	30	16		43617
N 18	3/14	Male	1			1		90	27	12		43618
N 18	3/14	Male	1			1		83	23	12		43619
N 18	3/14	Male	1					86	26	13		43620
N 18	3/14	Male	1					87	25	13		43621
N 18	3/14	Male	8					89	33	17		43622
N 18	3/14	Male	1			1		78	22	10		43623
N 18	3/14	Male	1			2		83	30	14		43624
N 18	3/14	[illegible]	1					97	37	19		43625
N 18	3/14	[illegible]	1					88	25	13		43626
N 18	3/14	[illegible]	8		1	1		99				43627
N 18	3/14	[illegible]	8			2		92	34	17		43628
N 18	3/14	Male	8					107	43	23		43629
N 18	3/14	Male	1		1			96				43630
N 18	3/14	Male	6			1		99	37	20		43631
N 18	3/14	Male	1	5				102	37	18		43632
N 18	3/14	Male	6		1			100	36	19		43633
N 18	3/14	Male	8					84	30	16		43634
N 18	3/14	Male	1			3		98	37	18		43635
N 18	3/14	Male	8		1	2		87				43636
N 18	3/14	Male	8					95	33	16		43637
N 127	3/16	Gravid female	6					77			46	43638
N 127	3/16	Gravid female	6			1		82			55	43639
N 127	3/16	Male	6					92	34	17		43640
N 21	3/15	Male	8					124	54	28		43641
N 21	3/15	Male	8			2		118	51	26		43642

Table 11. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 21	3/15	Male	8					121	53	27		43643
N 21	3/15	Male	6		1	1		102				43644
N 21	3/15	Male	1			1		108	42	22		43645
N 21	3/15	Male	1					124	52	27		43646
N 21	3/15	Male	6			4		111	43	22		43647
N 21	3/15	Male	8					102	40	20		43648
N 21	3/15	Male	6		1			103				43649
N 21	3/15	Male	8			1		118	46	23		43650
N 21	3/15	Male	6					115	48	23		43651
N 21	3/15	Male	8			1		124	53	28		43652
N 21	3/15	Male	6			2		108	41	21		43653
N 21	3/15	Male	8					115	51	23		43654
N 21	3/15	Male	1					94	36	18		43655
N 21	3/15	Male	8			1		122	51	26		43656
N 21	3/15	Male	8					100	40	21		43657
N 21	3/15	Male	8					99	44	22		43658
N 21	3/15	Male	8					99	36	18		43659
N 21	3/15	Male	8					122	53	29		43660
N 21	3/15	Male	8					125	52	26		43661
N 21	3/15	Male	6			1		109	44	22		43662
N 21	3/15	Male	8					118	48	24		43663
N 21	3/15	Male	6	5	1			90	31	16		43664
N 21	3/15	Male	8					122	51	26		43665
N 21	3/15	Male	8					124	51	27		43666
N 21	3/15	Male	8					112	46	23		43667
N 21	3/15	Male	6			1		104	44	23		43668
N 21	3/15	Male	8					99	36	18		43669
N 21	3/15	Male	8					115	45	24		43670
N 21	3/15	Male	8					114	45	23		43671
N 21	3/15	Male	8					122	53	27		43672
N 21	3/15	Male	8			1		115	47	25		43673
N 21	3/15	Male	2					102	39	20		43674
N 21	3/15	Male	8			1		100	40	21		43675
N 21	3/15	Male	8					114	46	23		43676
N 21	3/15	Male	8			1		100	38	28		43677
N 21	3/15	Male	6			1		112	42	21		43678
N 21	3/15	Male	1		1			111	46	23		43679
N 21	3/15	Male	8			1		122	50	26		43680
N 21	3/15	Male	6			2		107	45	23		43681
N 21	3/15	Male	1					116	48	25		43682
N 21	3/15	Male	1					118	51	27		43683
N 21	3/15	Male	6		1	2		96				43684
N 21	3/15	Male	8					124	54	26		43685
N 21	3/15	Male	8			2		110	45	23		43686
N 21	3/15	Male	6					99	37	20		43687
N 20	3/15	Male	1					82	27	14		43688
N 20	3/15	Male	1			1		100	38	21		43689
N 20	3/15	Male	1	5				92	30	16		43690
N 19	3/15	Male	1			1		101	41	21		43691
N 19	3/15	Male	1					93	35	18		43692
N 19	3/15	Male	1					100	40	21		43693
N 19	3/15	Male	1					103	42	20		43694
N 19	3/15	Male	1					109	45	23		43695
N 19	3/15	Male	1	5				97	35	18		43696
N 19	3/15	Male	1	5		1		99	38	20		43697
N 19	3/15	Male	8					96	36	19		43698
N 19	3/15	Male	1			1		97	37	19		43699
N 19	3/15	Male	8			1		84	30	15		43700

Table 11. (Cont'd)

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 19	3/15	Male	2			1		83	23	11		43701
N 19	3/15	Male	1					97	37	18		43702
N 19	3/15	Male	5					93	35	17		43703

Table 12. Tag recapture information, Tanner crab trap survey, CCGS Neocaligus, March 10-16, 2004.

Set #	Date	Biological Information									Tag Number
		Sex	Shell Condition	Injury Code	Missing Claw	Missing Legs	Observation Code	Shell Width	Male Claw Length	Male Claw Width	Female Ab. Width	
N 7	3/11	Male	8			1		106	39	20		43378
N 18	3/14	Male	3					100	38	19		43065

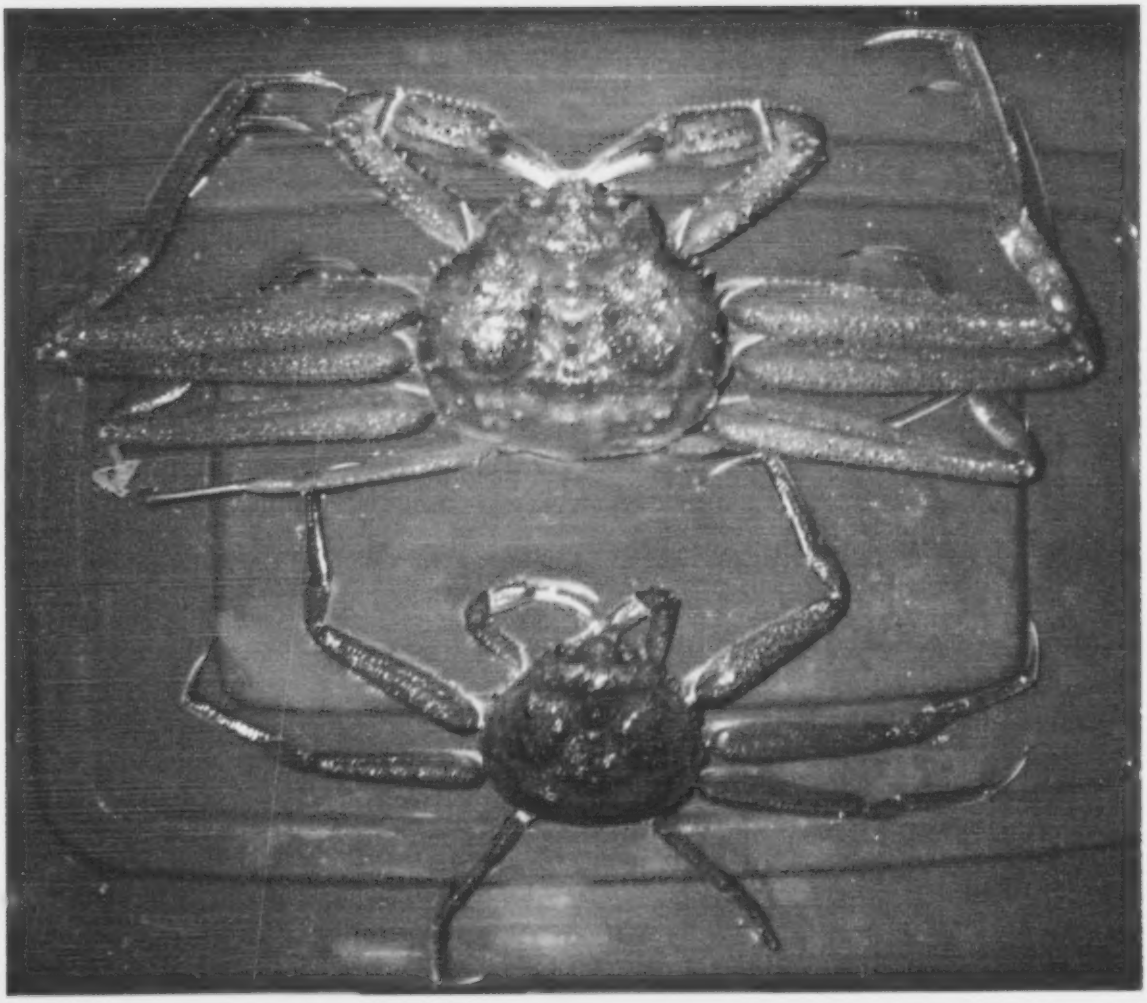

Figure 1. The inshore Tanner crab, *Chionoecetes bairdi* Rathbun, 1924. Male (top); female (bottom).

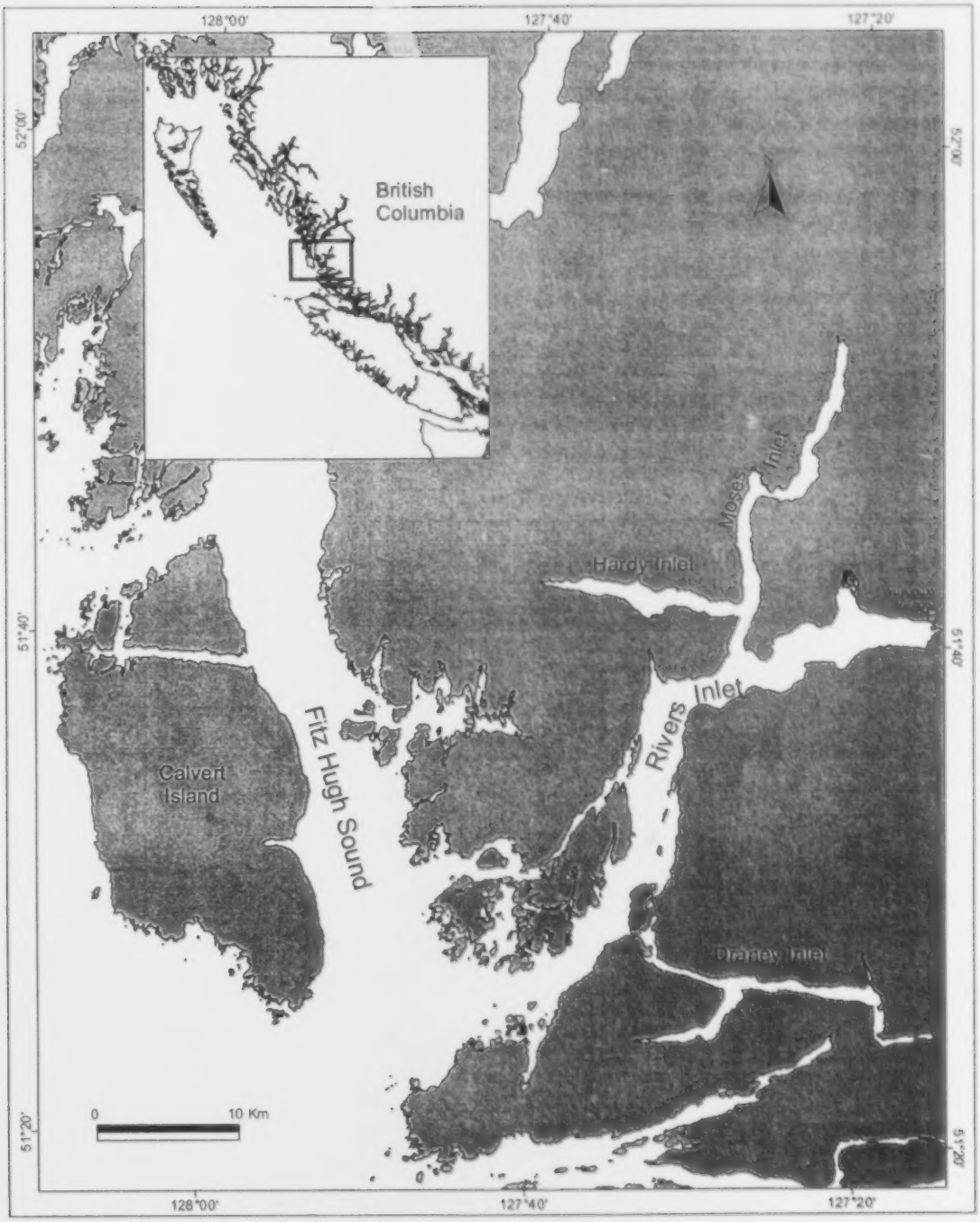

Figure 2. General location of Rivers Inlet and Fitz Hugh Sound, British Columbia.

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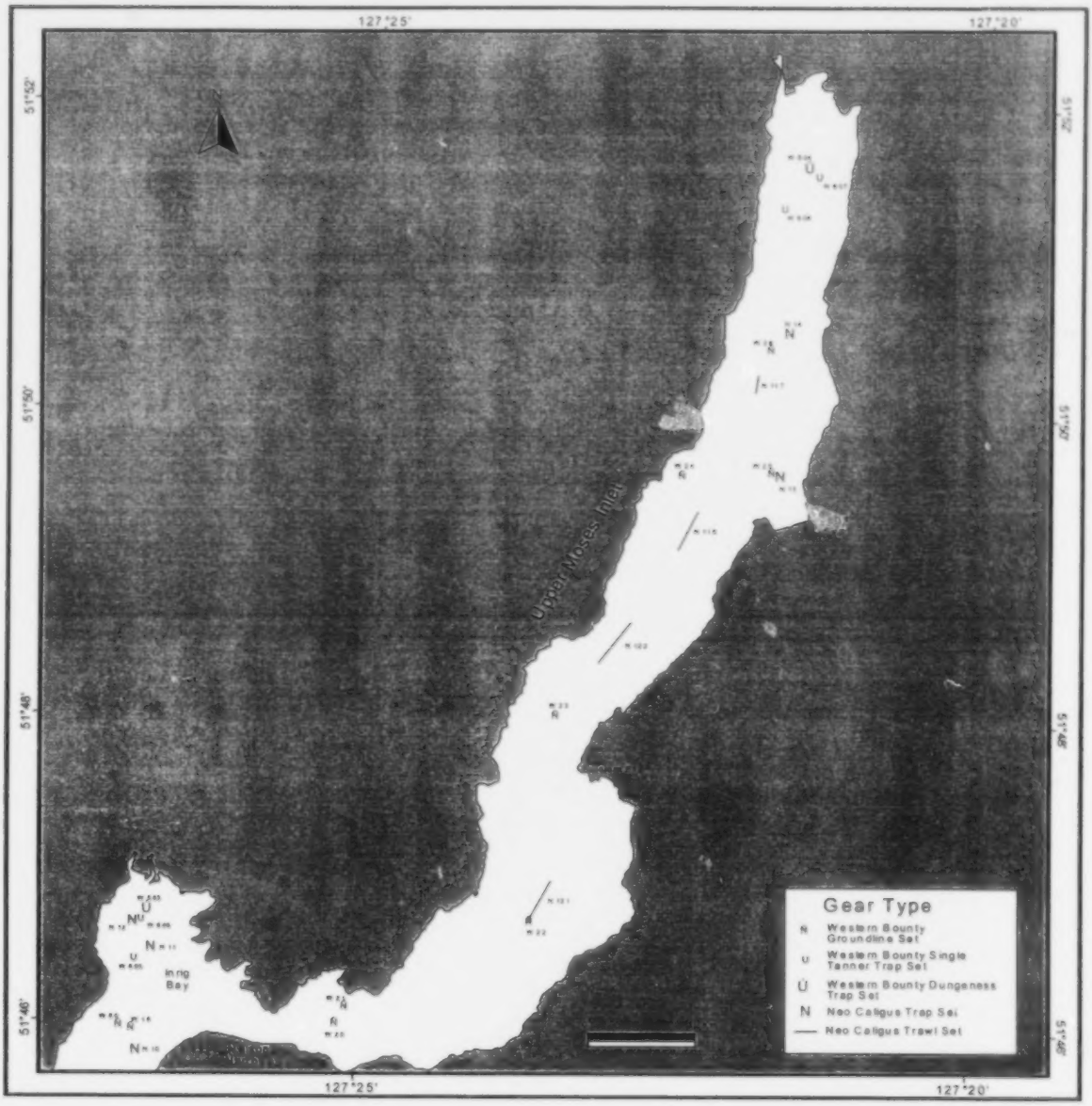


Figure 3. Set locations in Upper Moses Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

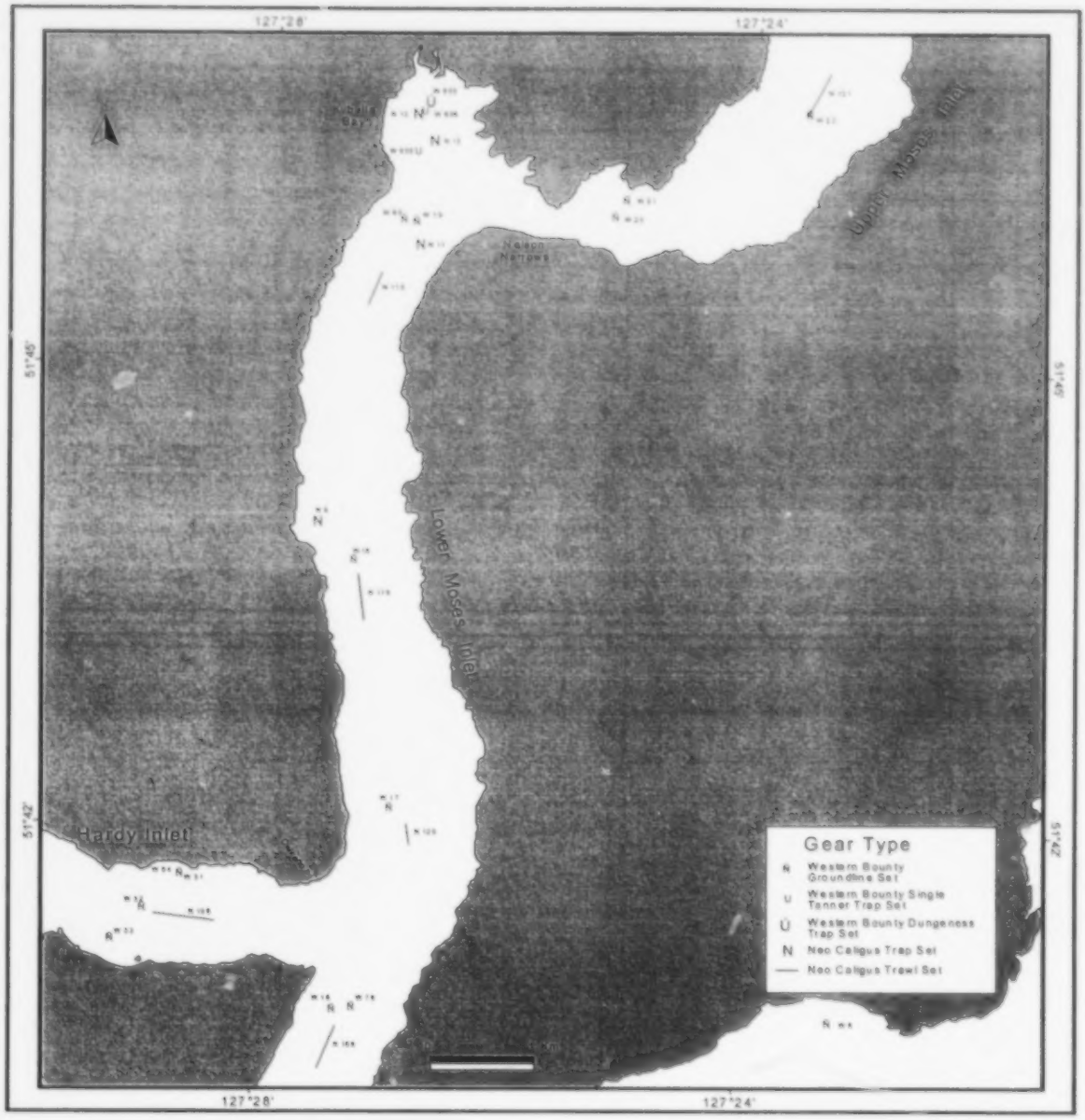


Figure 4. Set locations in Lower Moses Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 3. Set locations in Upper Moses Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 4. Set locations in Lower Moses Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

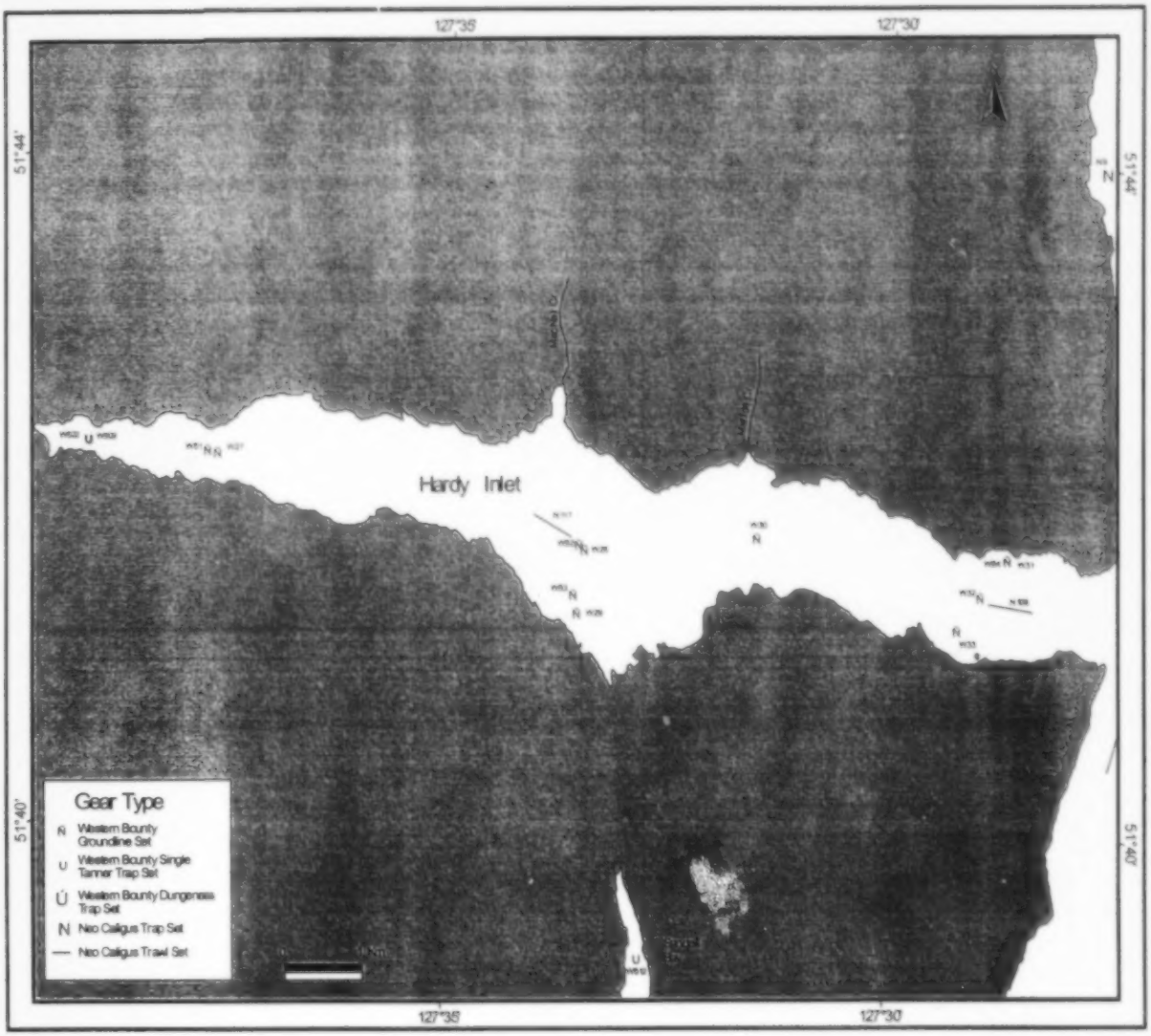


Figure 5. Set locations in Hardy Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

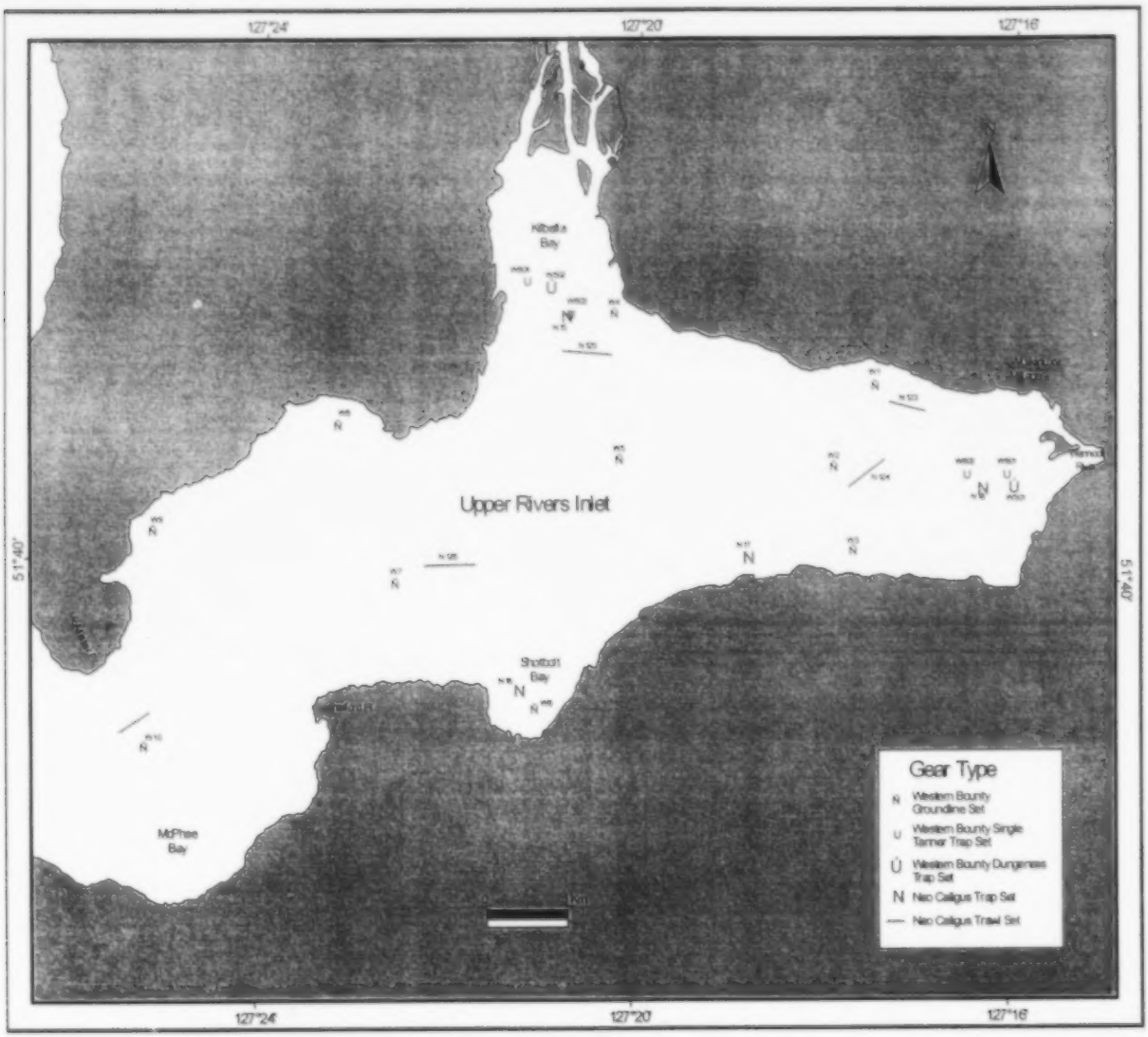


Figure 6. Set locations in Upper Rivers Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

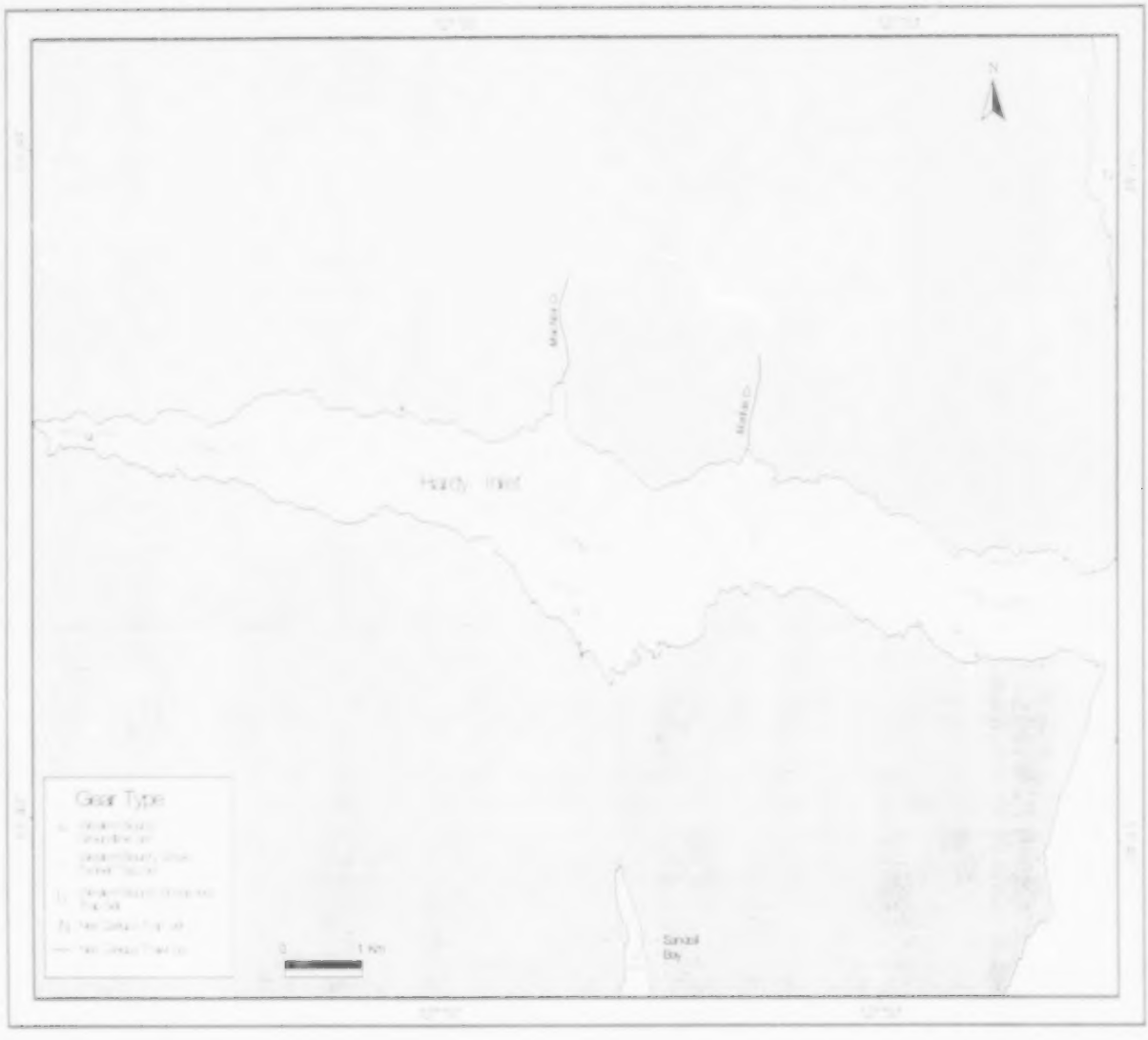


Figure 5. Set locations in Hardy Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

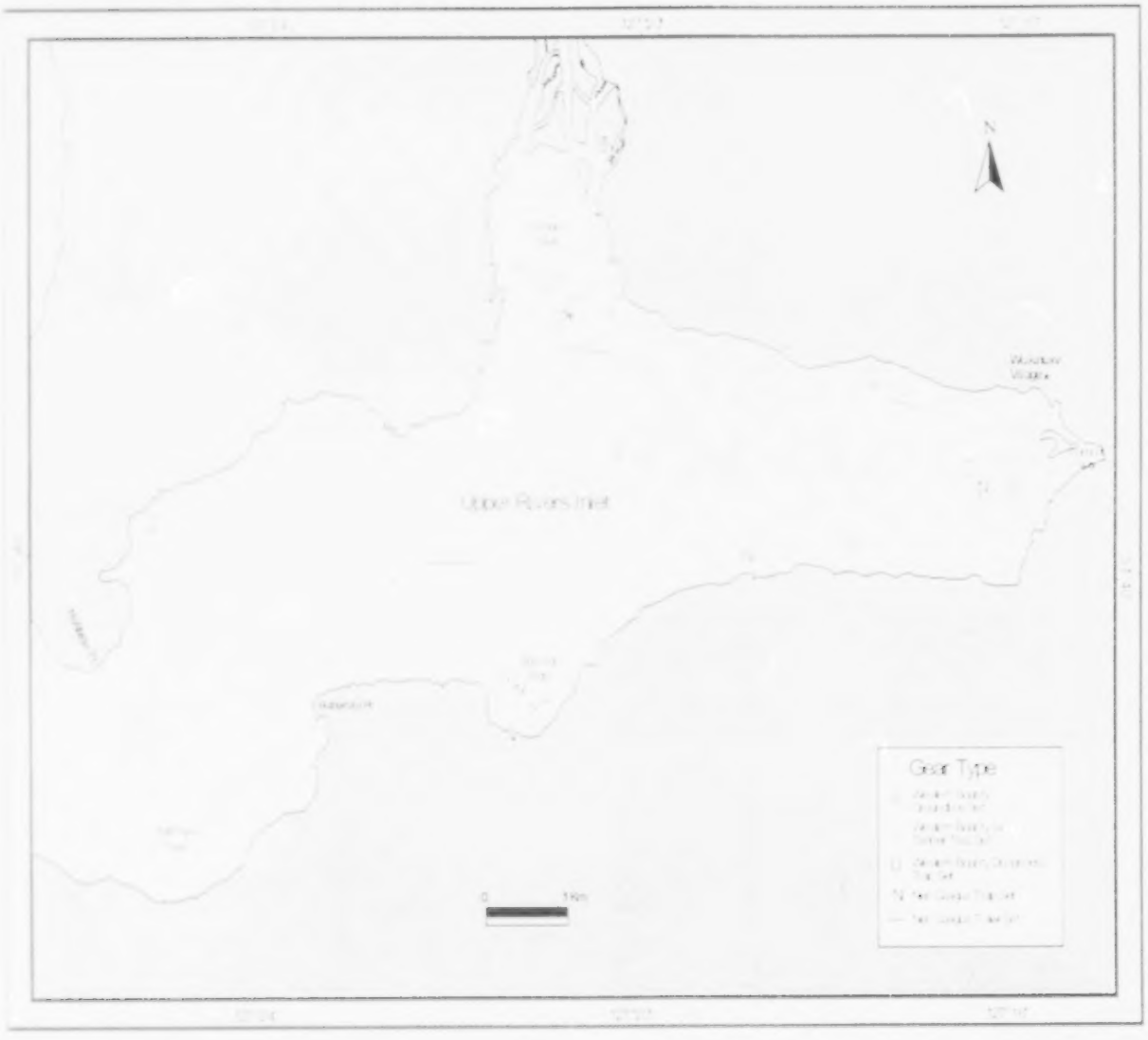


Figure 6. Set locations in Upper Rivers Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

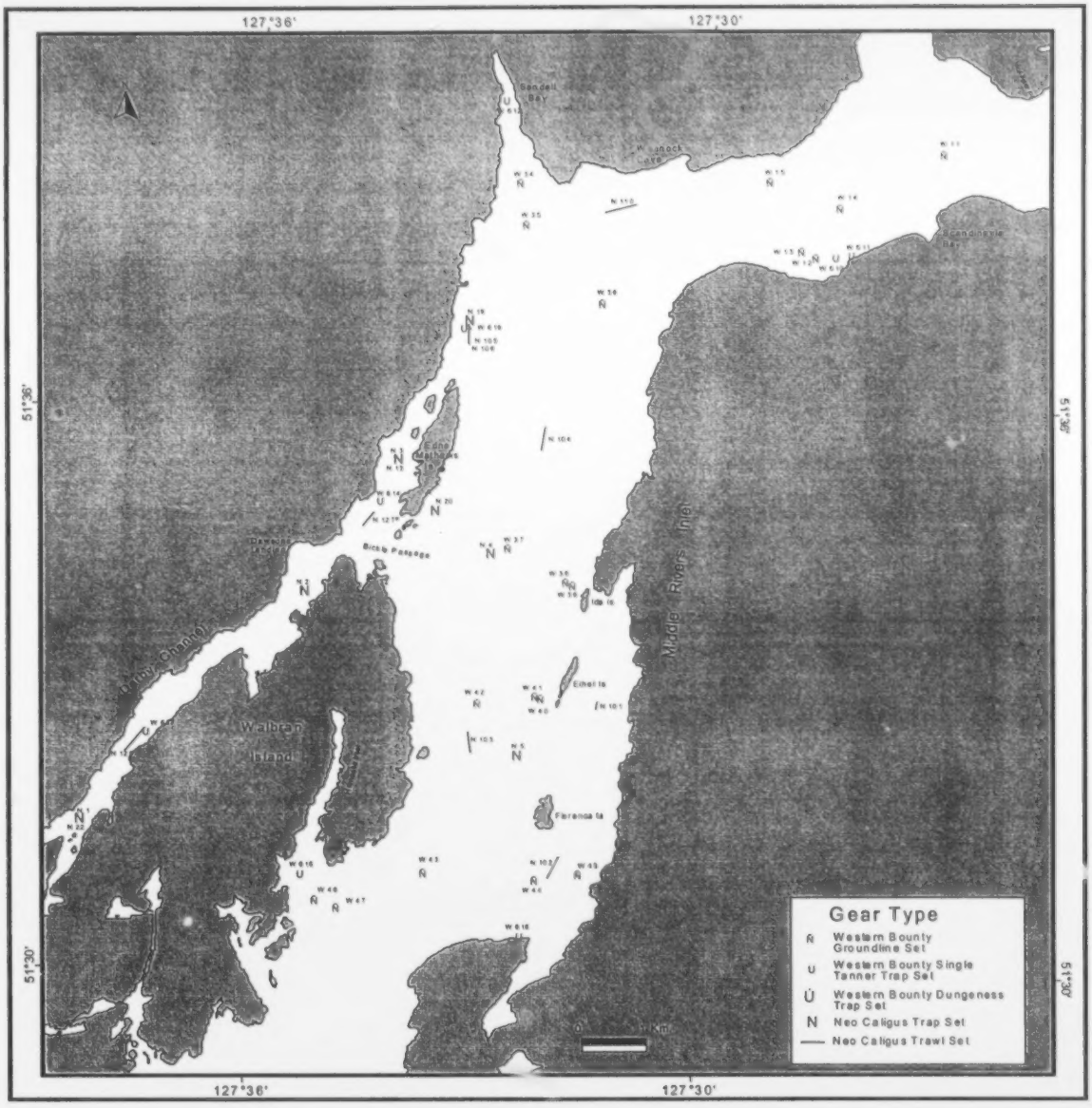


Figure 7. Set locations in Middle Rivers Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 8. Set locations in Lower Rivers Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 7. Set locations in Middle Rivers Inlet. Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 8. Set locations in Lower Rivers Inlet, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

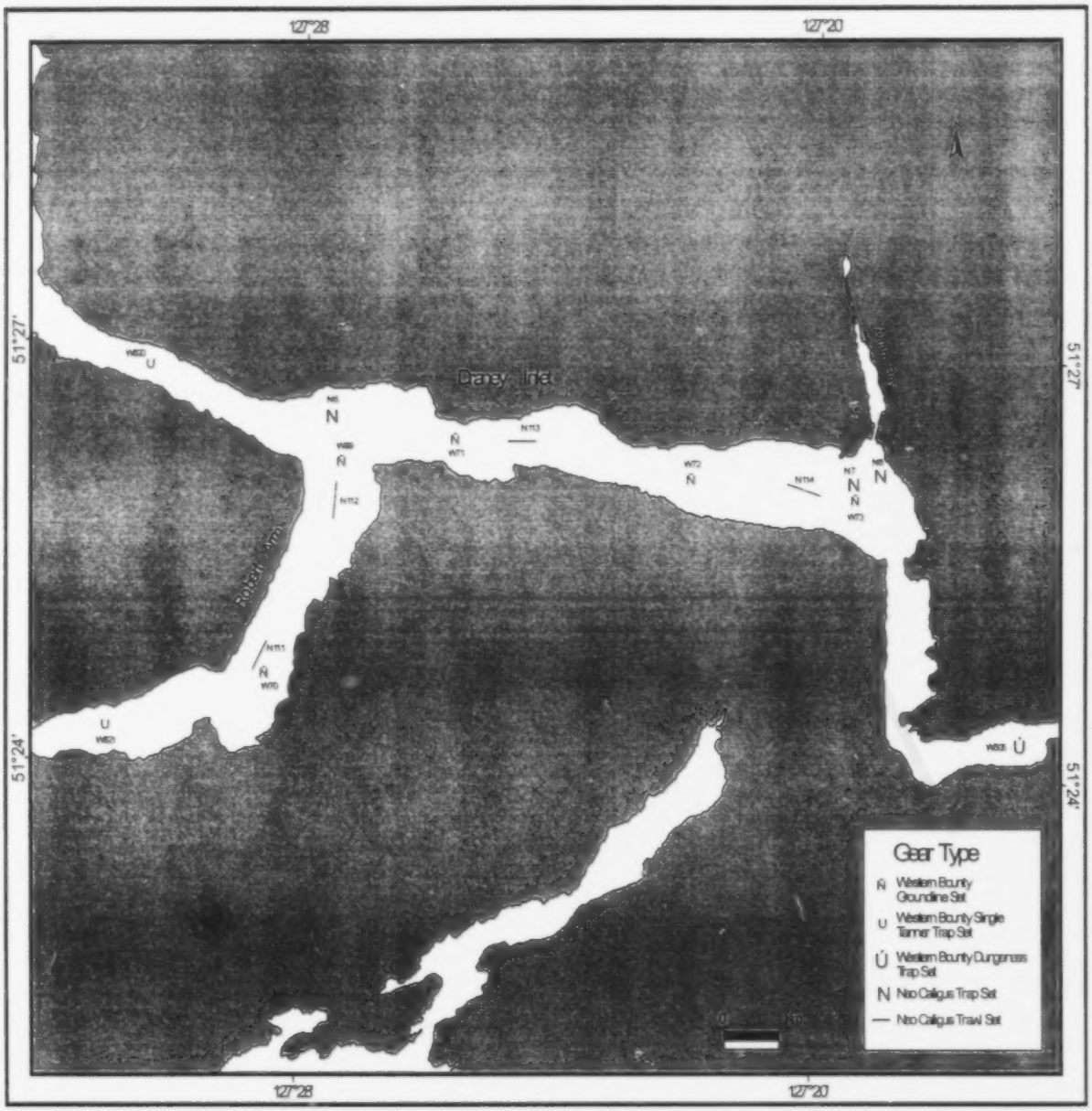


Figure 9. Set locations in Draney Inlet and Roberts Arm, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

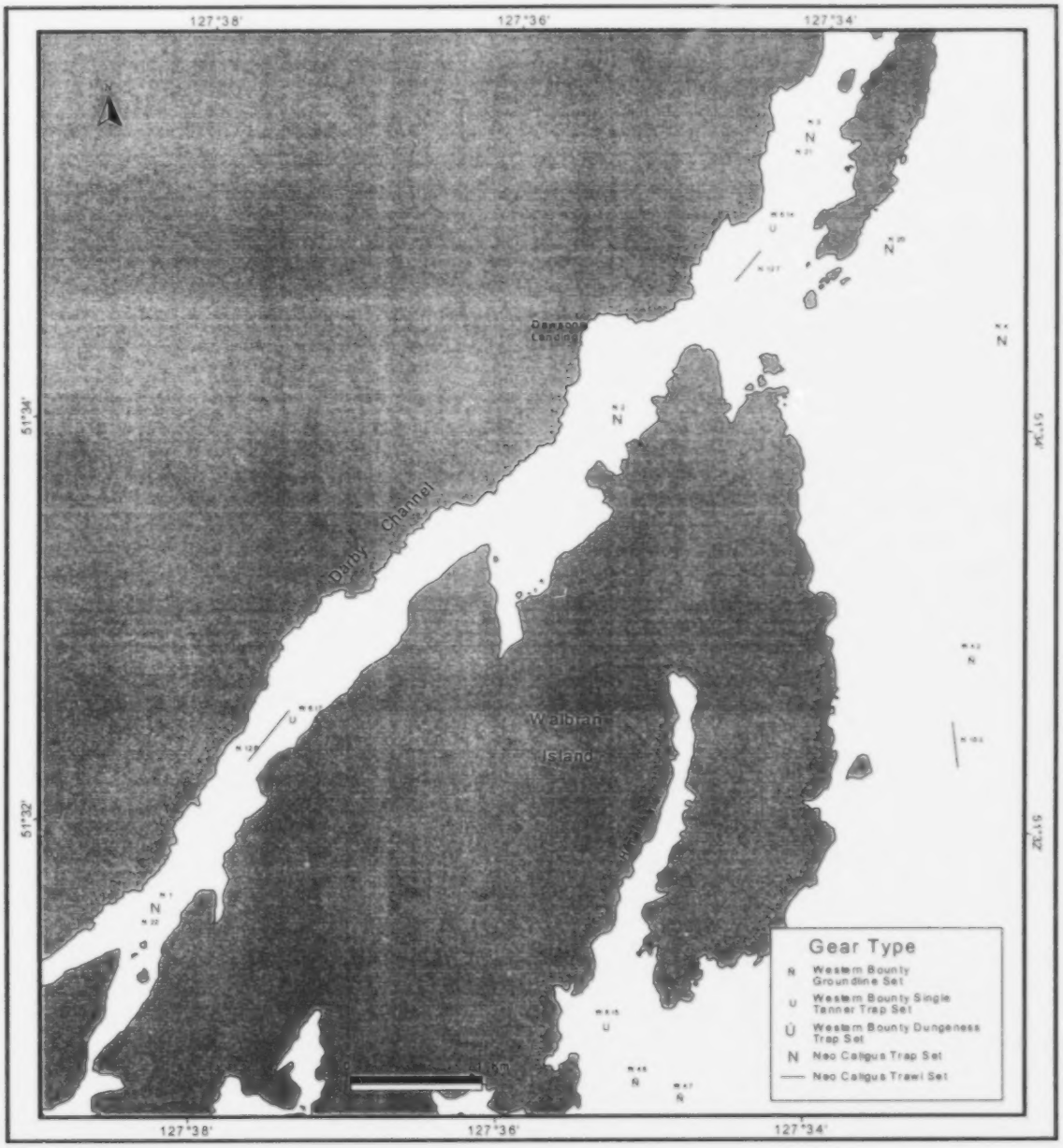


Figure 10. Set locations in Darby Channel, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 9. Set locations in Draney Inlet and Roberts Arm, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 10. Set locations in Darby Channel, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

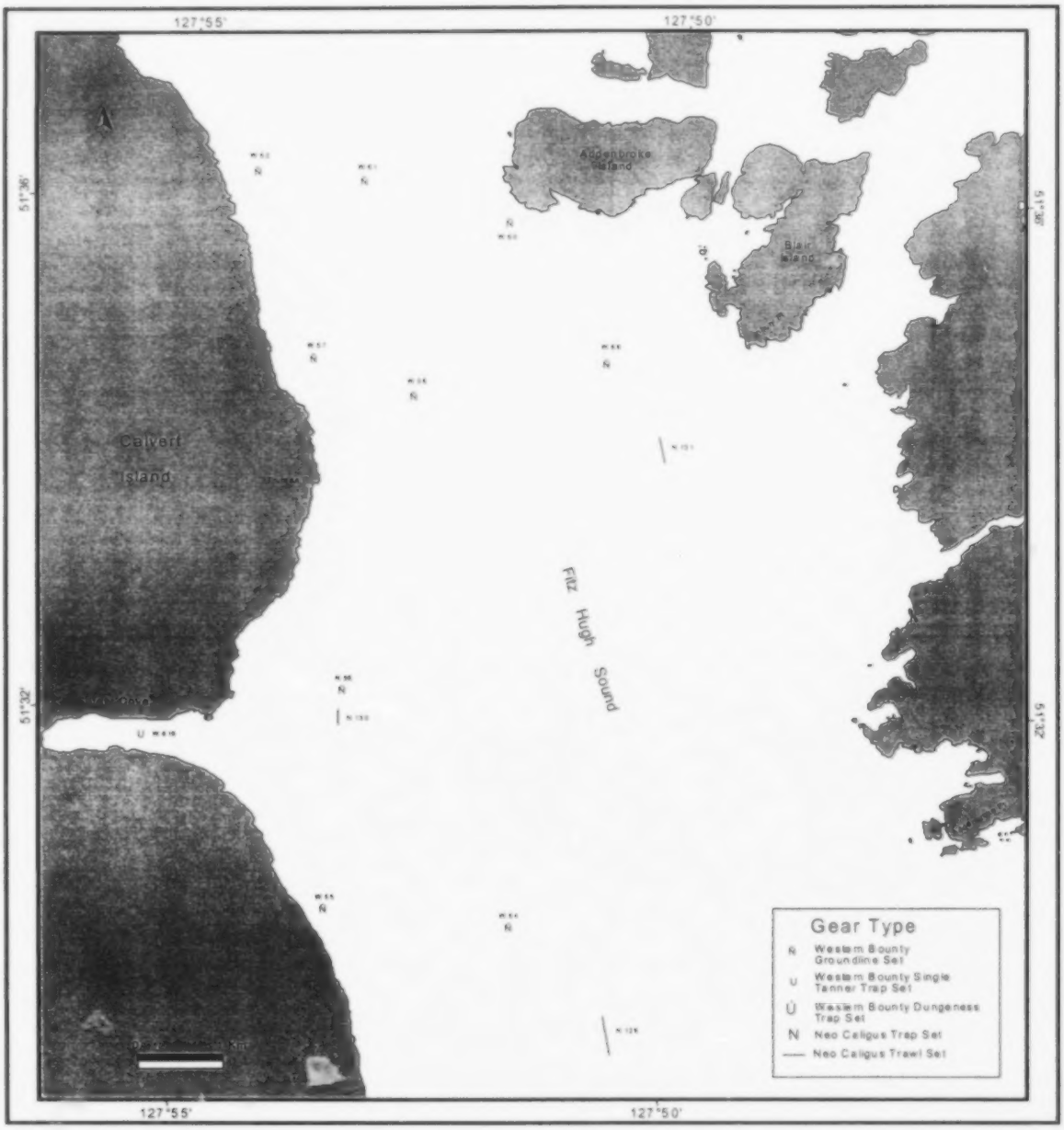


Figure 11. Set locations in Lower Fitz Hugh Sound, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

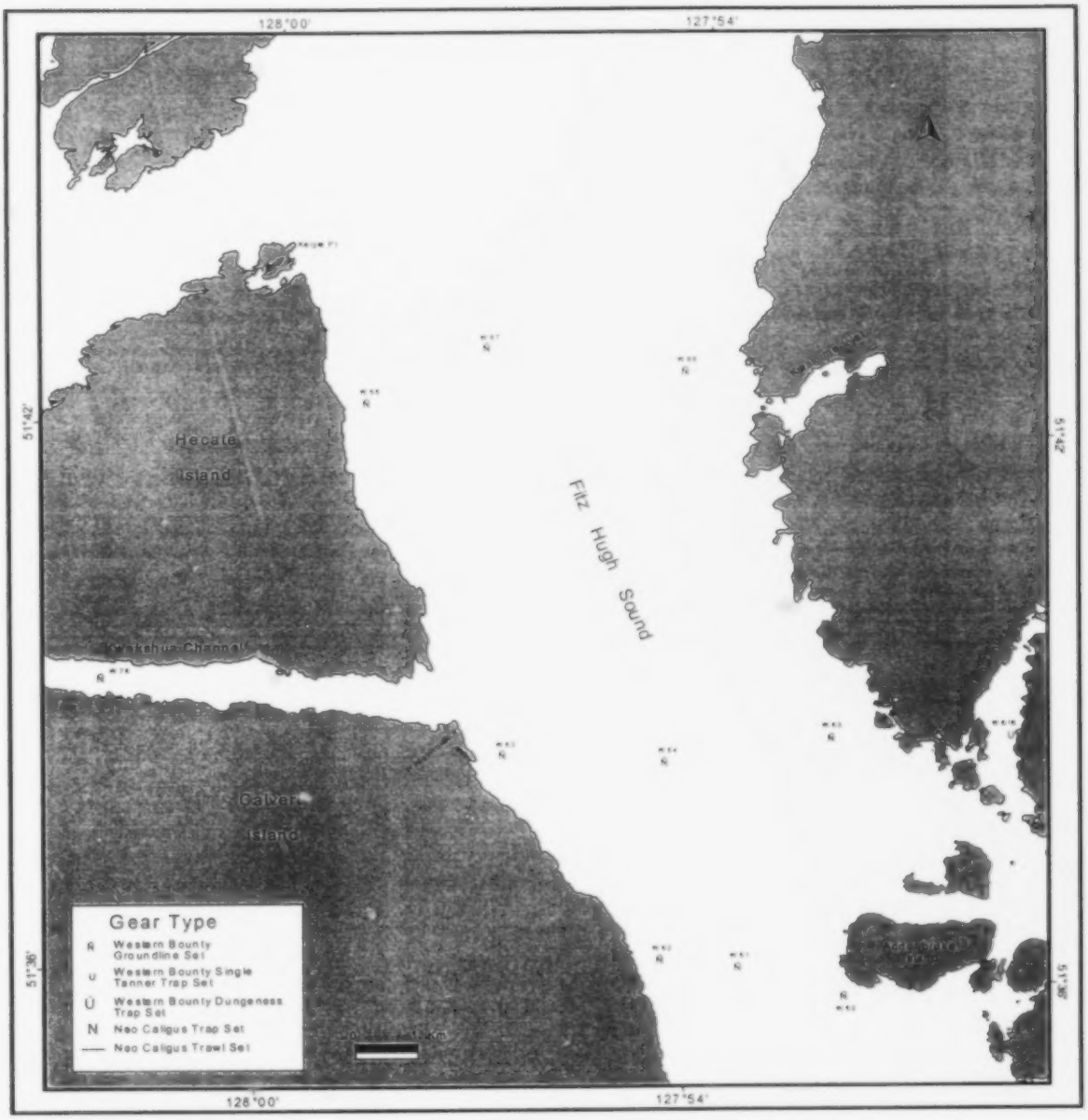


Figure 12. Set locations in Upper Fitz Hugh Sound, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 11. Set locations in Lower Fitz Hugh Sound, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

Figure 12. Set locations in Upper Fitz Hugh Sound, Tanner crab surveys, F/V Western Bounty and CCGS R/V Neocaligus, January-March, 2004.

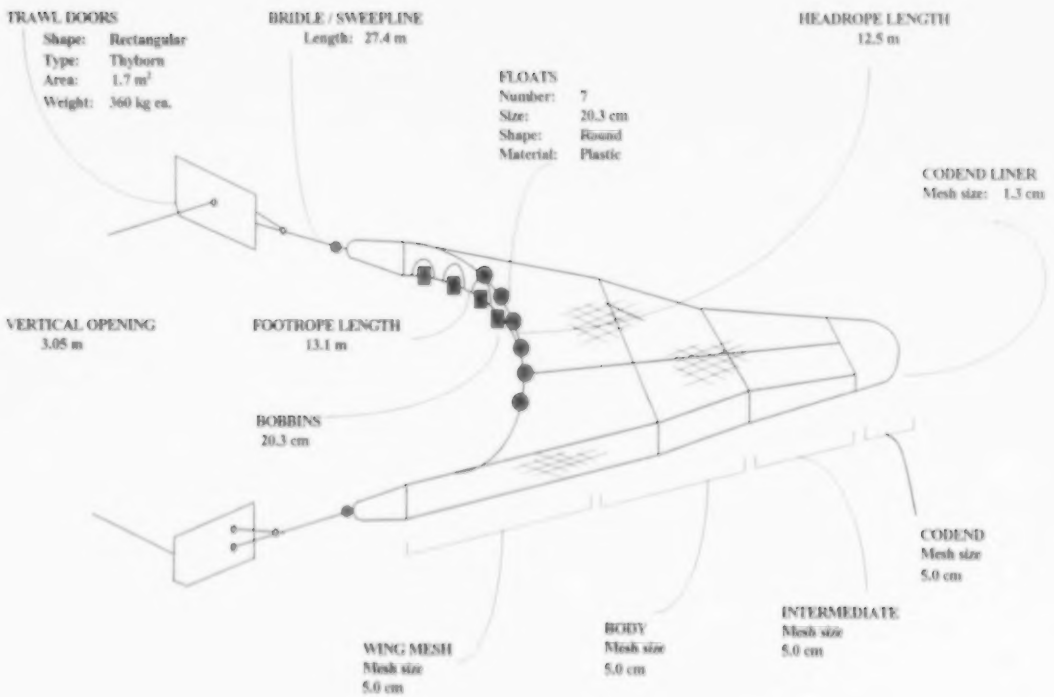
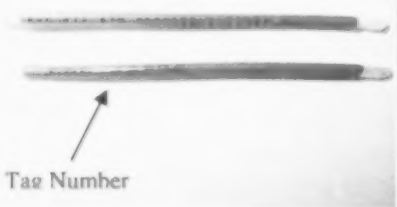


Figure 13. 13.4 m flat trawl shrimp net used aboard the CCGS Neocaligus, Rivers Inlet Tanner crab trawl survey, March 10-16, 2004.

REWARD
TAGGED TANNER CRAB

Chionoecetes bairdi – **Tanner crab**



BACKGROUND

A Tanner crab tagging program is underway in Rivers Inlet and Fitz Hugh Sound. Fisheries and Oceans Canada and the Wuikinuxv Nation applied blue T-bar tags to Tanner crabs (see above). The information obtained from this program is used to monitor distribution and estimate abundance, and is a key component to the stock assessment for the species.

WHAT TO DO WHEN YOU CATCH A TAGGED TANNER CRAB?

- Please cut the tag and record the **tag number, location (GPS or Chart Reference), depth, date** and **fishery/method (e.g. sport, crab trap) of capture**. Gently release the crab back into the water.
- To be entered in a draw for the award, you must **send the tag and all collection information** to either person listed below. Remember to include your return contact information. You will be given confirmation of your inclusion in the draw and notified if you win. The draw will be held in March 2006.
- For every tag you return you have an opportunity to **win a $250.00** (CDN) reward.

Contact:
Bruce Burrows
Wuikinuxv Nation
Rivers Inlet, B.C.
C/o Bag 3500 Port Hardy, B.C. V0N 2P0
Tel: (250) 949-8625; Fax (250) 949-7105
Email: fisheries@oweekeno.bc.ca

Contact:
Ken Fong
Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd
Nanaimo, B.C., V9T 6N7
Tel: (250) 756-7368; Fax: (250) 756-7138
Email: fongk@pac.dfo-mpo.gc.ca

Figure 14. Tag reward poster

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Appendix Table 1. Code definitions for biological data collected during Tanner crab surveys, F/V Western Bounty and CCGS Neocaligus, January-March 2004.

Field Name	Description/Meaning/Definition
Sex Code:	**1** = Male; **3** = Female; **4** = Female with complete batch of eggs; **5** = Spent female, just released eggs (some eggs must still adhere to pleopods to qualify); **0** = Unknown; "**null**" = empty trap.

Shell Code for Shell Hardness:
1 = New Hard Shell – no deflection of shell with heavy pressure from thumb; few signs of wear or abrasion; dactyl tips, carapace spines, and claw teeth sharp; <1 year;
2 = Springy Hard New -Slight shell deflection with heavy pressure on carapace; little growth, fouling or abrasion; barnacles if present will be small; shell 1 to 4 months;
3 = Crackley Hard; usually bright orange carapace which is easily deformed with moderate pressure of thumb (this is soft shell crab);
4 = Plastic Soft; newly moulted; shell is soft <1 month shell;
5 = Old shell in the process of moulting;
6 = Old Worn Shell showing claw wear usually barnacle encrusted or fouled, otherwise healthy and viable, probably hasn't moulted for more than a year; claws and legs will show signs of wear; carapace spines blunted; Carapace surface colour is faded from orange to brown;
7 = Old Barnacle encrusted; extreme shell and claw wear; diseased, lethargic or moribund; probably not moulted for several years; not likely to moult again or live much longer;
8 = Not Sure, but between a shell '1' and a shell '6'.

Injury Code for Injuries: 1 = Deformed shell; **2** = healed hole or crack in carapace; **3** = torn/missing telson; **4** = regenerating claw(s); **5** = regenerating leg(s); **6** = regenerating claw(s) & leg(s); **7** = Multiple injuries; **8** = shell disease-black spots; **9** = dead.

Claws Missing: The actual number of claws missing, except where caused by sampling.

Legs Missing: The actual number of Legs Missing, except where caused by sampling.

Marks Mating: Grasping marks on female meri.

Observations: Unusual information about individual crabs. **1** = Moulting pair/molt increment; **2** = Mating pair, next or previous record is the mate; **3** = Limb bud forming; **4** = Joints in limbs are pink; **6** = Torch; **8** = Shell discolouration; **9** = Black mat fungus.

Weight: Crab weight in grams

Species: XKG = *Cancer magister*; **XLA** = Red Rock, **XKE** = Graceful crab; **ZAF** = *C. bairdi*; **ZAG** = *C. tanneri*; **ZAE** = *C. angulatus*.

Claw Length: Claw Length, in millimeters.

Claw Height: Claw Height, in millimeters.

Abdom5th: Fifth abdominal segment width, in millimeters.

Egg Colour: **R** = Red, **O** = Orange, **P** = Pink, **Y** = Yellow, **G** = Green, **B** = Brown, **K** = Black.